Ontario Forest Industry Statistical Reports for 1986

Ontario
Ministry of Natural Resources

Vincent G. Kerrio
Minister

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Ontario Forest Industry Statistical Reports for 1986

Mill Licence Returns Summary
Bark and Wood Residues Production and Consumption
Interprovincial and International Trade in Wood Products

Ontario

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SYNOPSES

Report on the 1986 Mill Licence Returns

* The total number of licensed roundwood-using mills in Ontario decreased slightly from 810 in 1985 to 808 in 1986. Structurally, declines of 11 small capacity sawmills and 3 large veneer plants were offset by increases of 5 miscellaneous sawn products mills, 5 medium sawmills and 2 medium capacity veneer plants.

* Total roundwood receipts by all mills decreased by 4.4% to 23.2 million m^3 compared to 1985. Sawlog and veneer log receipts were up by 2.2% to 12.0 million m^3, while pulpwood and miscellaneous roundwood mill receipts decreased by 10.4% to 11.2 million m^3.

* Total lumber production increased by 1.2% from 1985 with a total of 4.94 million m^3 of lumber being produced (4.88 million m^3 in 1985).

  - Softwood lumber production continued its recovery from 1982's low level with 4.29 million m^3 being sawn, an increase of 1.3% over 1985 to the highest post-World War II level. The increase was primarily comprised of red and white pine lumber.

  - Hardwood lumber production was 0.65 million m^3, just 0.1% higher than in 1985. Birch and mixed hardwood lumber exhibited production decreases greater than 10%, while oak lumber production rose by 47%.

* Veneer production grew by 1.1% to 117,544 m^3 from 1985 output; while provincial panelboard production rose by 4.0% to 990,215 m^3. Interior-grade particleboard output (up 8.7%) and plywood production (up 23.6%) had healthy increases; however, exterior-grade waferboard (down 1.9%) experienced a decline in volume for the second year in succession.

* Total pulp production in the Province was 4.16 million tonnes, a 4.6% increase from 1985. All major pulp grades shared in the growth. These include groundwood (up 4.0%), sulphite (up 2.2%), sulphate (up 5.3%), and thermo-mechanical pulps (up 4.4%).

* Ontario's total production of paper and paperboard increased to 3.13 million tonnes (up 6.8% from 2.93 million tonnes in 1985). Increases were experienced in newsprint (up 4.3%), groundwood specialty papers (up 14.8%), fine papers (up 8.4%), and other papers and paperboard (up 9.9%).

Report on the

1986 Bark and Wood Residues Production and Consumption

* During 1986, pulpchip production growth discontinued its steady annual volume increment, and dipped slightly to a total production of 6.06 million m^3 (2.28 million bone-dry metric tonnes), 0.1% lower than 1985 output.

* The volume of pulpchip shipments decreased by 137,894 m^3 (59,526 b.d.m.t.), or 2.3% below the previous year, to 5.79 million m^3 (2.18 million b.d.m.t.).

* The number of pulpchip producers in Ontario was 135 with an average output during the year of 42,887 m^3 (16,169 b.d.m.t.), down 13.9% from the average mill production of 49,810 m^3 (18,779 b.d.m.t.) in 1985. The 17 Ontario pulp mills which consumed pulpchips used 289,513 m^3 (109,147 b.d.m.t.) on average per mill with the 9 pulp mills which used at least 240,690 m^3 (100,000 b.d.m.t.) accounting for 91.2% of the Ontario pulp mill pulpchip consumption.

* The regional distribution of Ontario pulpchip production and consumption indicates the following:

  - the Northwestern and North Central regions produced 28.5% of the Province's pulpchips, yet consumed 49.6% of the shipments;

  - the Northern and Northeastern regions' mills produced 58.9% and utilized 34.4%; and

  - the four southern OMNR regions produced 12.5%, but used only 3.9%; while Quebec mills consumed 10.4% and mills in the United States received 1.5%.

* Estimated planer shavings production was 677,429 m^3 (255,392 b.d.m.t.), with 47.5% being used industrially, 2.7% agriculturally or in landscaping, and 27.0% for internal mill fuel consumption, leaving 22.8% unutilized.

* Estimated sawmill sawdust production was 1,575,450 m^3 (593,949 b.d.m.t.), with 21.4% being used industrially, 8.6% agriculturally or in landscaping, and 40.6% for internal mill fuel consumption, leaving 29.3% unutilized.

* Estimated forest industry bark production was 2,745,864 m^3 (1,035,193 b.d.m.t.), with 8.1% being used industrially, 1.1% agriculturally or in landscaping, 57.4% for internal mill fuel consumption, leaving 33.4% unutilized.

* Estimated hog fuel production was 1,303,743 m^3 (491,512 b.d.m.t.), with 8.1% being used industrially, a negligible amount used in agricultural applications or in landscaping, 86.9% for internal mill fuel consumption, leaving 5.0% unutilized.

Report on the 1986 Interprovincial and International Trade in Wood and Wood Products

VOLUME OF TRADE

* Shipments of roundwood and wood residues into Ontario were 1.08 million m^3, a decrease of 0.12 million m^3 or 9.8% from 1985. The bulk of the decrease, 0.13 million m^3, was due to lower volumes of shipments from the United States, down 17.7% from 1985, and from the Province of Quebec, down 0.01 million m^3 or 2.6%. Offsetting these decreases was a higher volume of shipments from the Province of Manitoba, 0.15 million m^3 in 1986 versus 0.13 million m^3 in 1985. The United States remained in its role as the leading source of wood for Ontario with Quebec second and Manitoba third.

* Shipments of roundwood and wood residues out of Ontario were 1.37 million m^3, an increase of 0.32 million m^3 or 30.7% over 1985. Shipments of Crown land-derived wood increased by 0.07 million m^3 or 8.1%; those of patent land-derived wood increased by 0.25 million m^3 or 147.3%. Shipments decreased to the United States by 0.04 million m^3 or 14.7%, but increased to the Province of Quebec by 0.04 million m^3 or 45.7%.

* 1986 shipments into Ontario consisted of:
  - 46.7% conifers and 53.3% hardwoods; and
  - 55.2% pulpwood, 35.8% logs and bolts, and only 9.0% whole-tree woodchips and other wood residues.

* 1986 shipments out of Ontario consisted of:
  - 64.5% conifers and 35.5% hardwoods;
  - 3.5% pulpwood, 26.7% logs and bolts, and 69.8% whole-tree woodchips and other wood residues; and
  - 30.6% patent land-derived wood and 69.4% Crown land-derived wood.

* In terms of general historic trends, Ontario abandoned its positive net wood receipt position during 1986 with a deficit of some 0.28 million m^3; or 1.08 million m^3 inbound versus 1.37 million m^3 outbound.

* On a commodity basis, Ontario is:
  - a large, net importer of pulpwood of both coniferous and hardwood species; 0.05 million m^3 shipped out of Ontario and 0.60 million m^3 of pulpwood received.

- a moderate, net importer of sawlogs and veneer bolts; 0.36 million m^3 shipped out and 0.39 million m^3 shipped in with more conifer than hardwood both inbound and outbound.

- a large, net exporter of whole-tree woodchips and other wood residues; 0.95 million m^3 shipped out, and only 0.10 million m^3 shipped in.

- in a wood trade deficit with the Province of Quebec, having sent 1.13 million m^3 and receiving 0.34 million m^3 of wood during 1986. Predominantly, Ontario received conifer logs and bolts, hardwood pulpwood, and hardwood whole-tree woodchips and other wood residues from Quebec, while sending mostly Crown land-derived whole-tree woodchips and other wood residues of both species groups, some Crown land-derived conifer logs and bolts, and patent land-derived whole-tree woodchips and other wood residues of both species groups.

- a moderate net importer of wood from the United States having narrowed the deficit to 0.37 million m^3 in 1986. The imports were primarily hardwood and conifer pulpwood, and hardwood logs and bolts. Exported, principally, were Crown land-derived conifer whole-tree woodchips and other wood residues.

- a moderate net receiver of wood from the Province of Manitoba with a net deficit of 0.33 million m^3 over Ontario's western boundary. Receipts were mainly in the form of conifer pulpwood.

DOLLAR VALUE OF TRADE

* During 1986, Ontario exported $62.6 billion worth of all materials and products, while importing $72.2 billion worth for a net international trade deficit of $9.6 billion. In terms of a national perspective, Ontario accounted for 51.9% of Canada's total exports and 64.0% of all imports.

* Ontario accounted for 19.5% of Canada's wood and wood products exports and 49.4% of the nation's wood and wood products imports. In a provincial context, wood and wood products accounted for 5.5% of all Ontario exports and only 1.3% of all Ontario imports.

* Ontario exported $3.45 billion worth of wood and wood products during 1986, while importing $0.97 billion worth, for a provincial/national trade surplus of $2.48 billion in wood and wood products trade.

* The primary wood and wood products exports from Ontario, ranked by value, were Paper for Printing, mainly newsprint ($1,426 million; 2.06 million tonnes), Lumber and Timbers ($895 million; 6.88 million m^3 or 2.92 billion f.b.m.), Wood Pulp and Similar Pulp ($543 million; 1.00 million tonnes), Converted Paper ($134 million; 37,173 tonnes), and Other Fabricated Wood Materials ($119 million).

  In terms of Ontario's share of Canada's exports, important products were Converted Paper (78.1%), Veneer (49.3%; $58 million; 94,201 m^3), Building Paper, Building Board, and Machine Board (43.9%, $70 million; 269,000 tonnes), Fine Paper (43.9%; $45 million; 42,425 tonnes), Tissue and Sanitary Paper (43.7%; $24 million; 19,743 tonnes), and Other Fabricated Wood Materials (42.4%).

* The principal wood and wood products imports to Ontario, ranked by value, were Lumber and Timbers ($168 million; 0.54 million m^3 or 0.23 billion f.b.m.), Converted Paper ($158 million; 59,956 tonnes), Paper for Printing, mainly newsprint ($121 million; 109,899 tonnes), Fine Paper ($109 million; 58,381 tonnes), and Paperboard ($107 million; 165,493 tonnes).

  In terms of Ontario' share of each product's imports to Canada, Converted Paper (67.9%), Paperboard (66.9%), Fine Paper (63.7%), Millwork (56.3%; $54 million), and Other Sawmill Products (55.2%; $10 million) were the most significant within Canada's economy.

REPORT ON THE 1986

MILL LICENCE RETURNS

MILL OPERATIONS LICENSED, 1986

Districts and Regions	No. of Mill Operations Licensed, by Classification								Totals
	A to F	G	H	I	J	K	L	M	N	
Dryden	3		1	7	1	1				13
Fort Frances	3		1	26	1					31
Ignace				2		1				3
Kenora	2		1	9	3	1				16
Red Lake				4						4
Sioux Lookout				6	3	3				12
NORTHWESTERN REGION	8		3	54	8	6				79
Atikokan				4	2	1			1	8
Geraldton				4		1			2	7
Nipigon			1	5					1	7
Terrace Bay	1		2			1				4
Thunder Bay	1		4	27	3	6			2	43
NORTH CENTRAL REGION	2		7	40	5	9			6	69
Chapleau	1			2	1	3				7
Cochrane	1		2	7		2			1	13
Gogama				1	2					3
Hearst						4			2	6
Kapuskasing	1		1		4	5				11
Kirkland Lake				18	3	2			1	24
Moosonee										-
Timmins	1			3	3	2			1	10
NORTHERN REGION	4		3	31	13	18			5	74
Blind River				7	1				2	10
Espanola			1	30	1	1				33
North Bay	2		2	20	5	2			1	32
Sault Ste. Marie	5		1	22		2			3	33
Sudbury				33	8	1				42
Temagami					2	1			1	4
Wawa				3	1	2				6
NORTHEASTERN REGION	7		4	115	18	9			7	160
Algonquin Park					1	2				3
Bancroft				21	3	3				27
Bracebridge	2			18	2			1		23
Minden	1			12	1			1		15
Parry Sound				18						18
Pembroke	4			46	6	4			2	62
ALGONQUIN REGION	7			115	13	9		2	2	148

Continued on next page

Districts and Regions	No. of Mill Operations Licensed, by Classification									Totals
	A to F	G	H	I	J	K	L	M	N	
Brockville	2			33						35
Carleton Place	2			24	2					28
Cornwall			1	5	2	1				9
Napanee			1	12	1					14
Tweed				22	1				1	24
EASTERN REGION	4		2	96	6	1			1	110
Cambridge				20	1			1	1	23
Huronia	1			20	1					22
Lindsay				25						25
Maple				6	2					8
Niagara	1		1	10						12
CENTRAL REGION	2		1	81	4			1	1	90
Aylmer	1			10						11
Chatham				16						16
Owen Sound				18	3	1			1	23
Simcoe				7	3					10
Wingham				17	1					18
SOUTHWESTERN REGION	1			68	7	1			1	78
TOTAL ONTARIO 1986	35	-	20	600	74	53	-	3	23	808
TOTAL ONTARIO 1985	30	-	20	611	69	53	-	1	26	810
TOTAL ONTARIO 1984	45	-	20	599	72	55	-	1	27	819
TOTAL ONTARIO 1983	44	-	20	614	88	57	-	3	25	851
TOTAL ONTARIO 1982	68	-	21	593	86	60	-	4	25	857

Legend

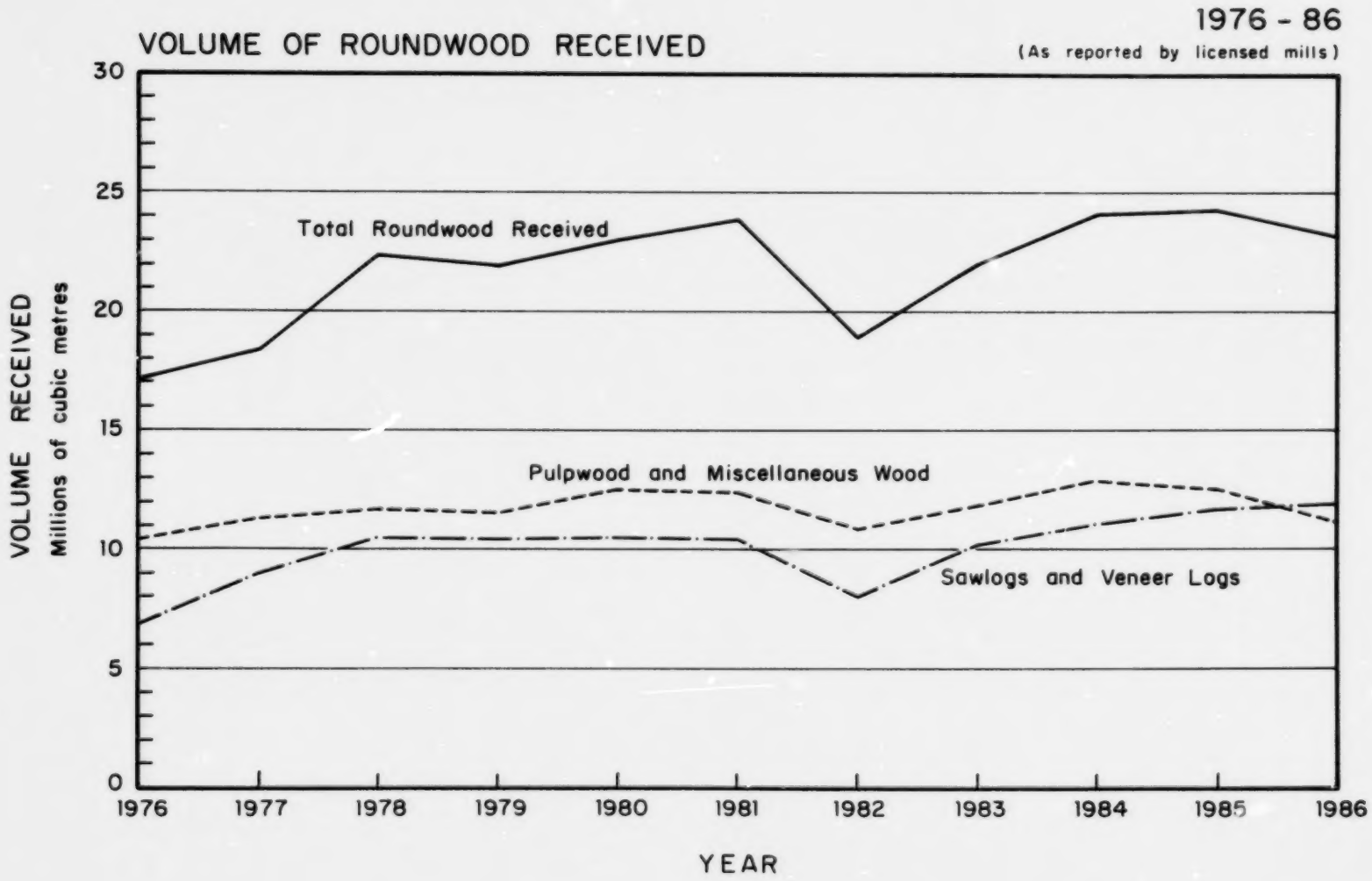
A to F Laths, pickets, shingles, staves, headings and hoops, ties.
G Pulp - Up to 50 tons.
H Pulp - Over 50 tons.
I Lumber - Up to 10 M.B.M.
J Lumber - From 10 M.B.M. to 50 M.B.M.
K Lumber - Over 50 M.B.M.
L Veneer - Up to 10 M sq. ft.
M Veneer - From 10 M sq. ft. to 50 M sq. ft.
N Veneer - Over 50 M sq. ft.

(Mills classified by type of major product and capacity per eight-hour shift)

VOLUMES OF ROUNDWOOD RECEIVED IN 1986
AS REPORTED BY LICENSED MILLS

Regions	Sawlogs & Veneer Logs (cubic metres)				Pulpwood & Miscellaneous (cubic metres)				
	Crown	Patent	Other	Sub-Total	Crown	Patent	Other	Sub-Total	Total Roundwood
Northwestern Region	849 719	99 029	7 912	956 660	2 139 390	606 310	199 468	2 945 168	3 901 828
North Central Region	2 172 034	180 125	57 744	2 409 903	4 461 213	180 816	43 830	4 685 859	7 095 762
Northern Region	3 785 270	96 755	382	3 882 407	1 329 881	208 733	-	1 538 614	5 421 021
Northeastern Region	2 362 329	263 089	53 237	2 678 655	607 931	236 052	24 779	868 762	3 547 417
Algonquin Region	719 179	508 161	159 558	1 386 898	-	-	-	-	1 386 898
Eastern Region	12 154	103 924	78 134	194 212	53 594	198 410	315 096	567 100	761 312
Central Region	11 137	131 657	22 072	164 866	612 890	-	14 755	627 645	792 511
Southwestern Region	-	292 345	27 533	319 878	-	-	-	-	319 878
TOTAL ONTARIO 1986	9 911 822	1 675 085	406 572	11 993 479	9 204 899	1 430 321	597 928	11 233 148	23 226 627
TOTAL ONTARIO 1985	9 620 670	1 705 638	408 878	11 735 186	10 534 844	1 099 890	906 754	12 541 488	24 276 674
TOTAL ONTARIO 1984	9 109 267	1 699 120	335 662	11 144 049	10 929 310	1 197 296	811 656	12 938 262	24 082 311
TOTAL ONTARIO 1983	8 160 445	1 648 134	398 032	10 206 611	10 266 024	894 567	648 529	11 809 120	22 015 731
TOTAL ONTARIO 1982	6 336 628	1 489 489	184 814	8 010 931	9 030 014	904 019	912 004	10 846 037	18 856 968
TOTAL ONTARIO 1986 (cunits)	3 500 353	591 563	143 584	4 235 500	3 250 717	505 117	211 158	3 966 992	8 202 492

NOTE: Receipts do not include residues.


VOLUME OF ROUNDWOOD RECEIVED
1976 - 86
(As reported by licensed mills)
VOLUME RECEIVED
Millions of cubic metres
30
25
20
15
10
5
0
Total Roundwood Received
Pulpwood and Miscellaneous Wood
Sawlogs and Veneer Logs
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
YEAR

REPORTED PRODUCTION OF ONTARIO SAWMILLS, 1986
(thousands of cubic metres)

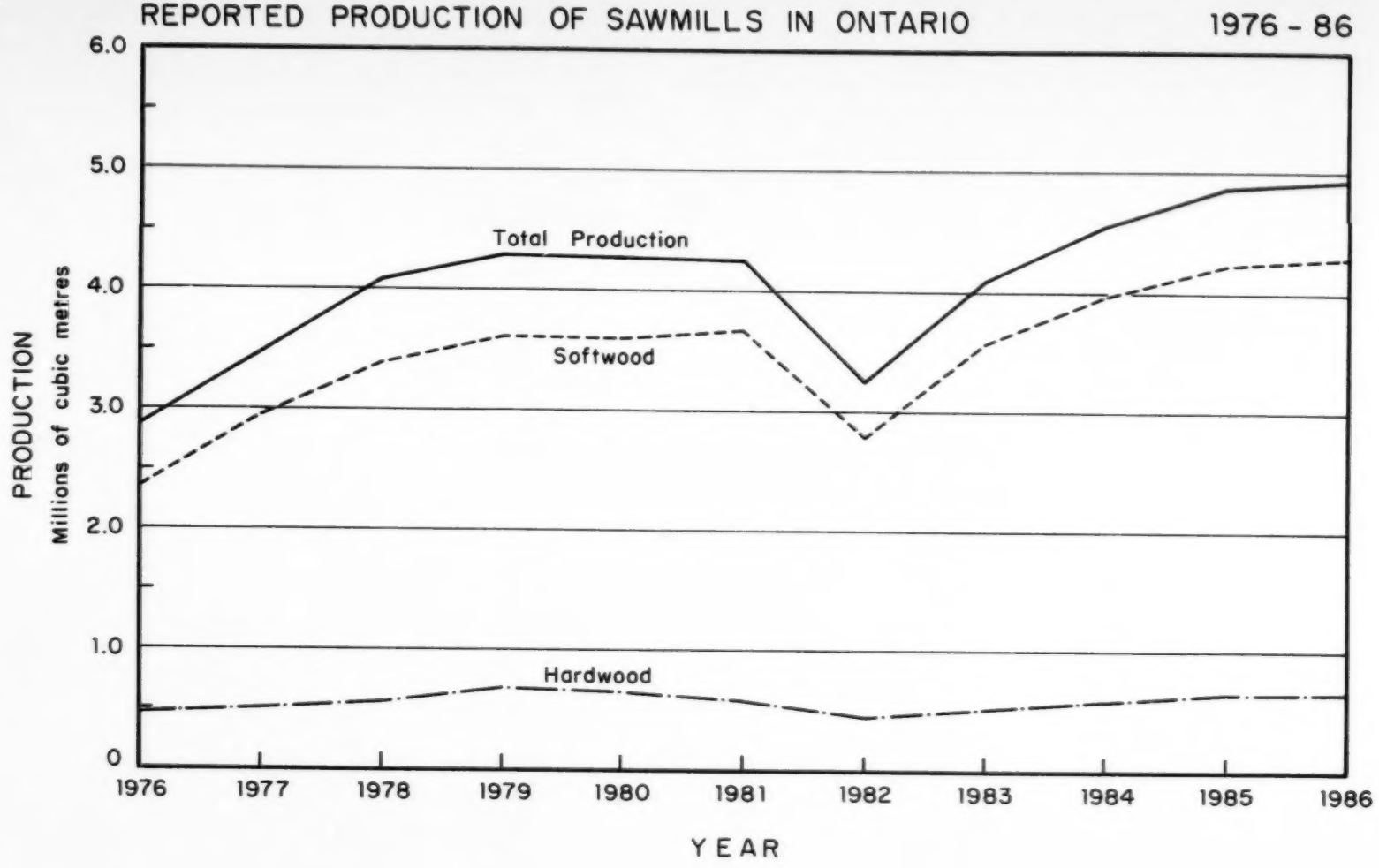
Regions	Softwood					Hardwood							Total Lumber — All Species	Ties Timbers, etc.
	Spruce Balsam & Jack Pine	Red & White Pine	Hemlock	Other Softwoods	Total Softwoods	Birch	Oak	Maple	Poplar	Other Hardwoods	Mixed Hardwoods	Total Hardwoods		
Northwestern Region	393.94	17.69	-	0.38	412.01	0.01	-	-	0.09	0.28	0.22	0.61	412.62	1.99
North Central Region	990.94	22.01	-	1.18	1 014.13	2.23	-	-	1.33	0.01	-	3.56	1 017.69	24.27
Northern Region	1 596.73	15.49	-	0.63	1 612.85	0.07	-	-	6.27	0.02	-	6.37	1 619.22	0.04
Northeastern Region	603.43	243.95	8.20	1.10	856.68	27.86	3.41	61.55	2.33	4.01	-	99.15	955.83	19.21
Algonquin Region	39.50	247.13	40.18	6.21	333.02	28.42	26.02	133.44	68.49	36.87	4.09	297.32	630.34	26.51
Eastern Region	3.07	21.33	1.85	3.19	29.43	2.58	18.23	22.07	3.71	12.66	1.46	60.71	90.14	0.41
Central Region	1.91	14.71	3.40	0.95	20.97	0.50	12.16	14.05	3.98	15.93	12.82	59.44	80.42	1.57
Southwestern Region	0.22	4.44	1.17	0.81	6.64	2.33	15.84	45.47	3.20	25.49	33.01	125.33	131.97	5.21
TOTAL ONTARIO 1986	3 629.74	586.74	54.79	14.45	4 285.72	64.00	75.66	276.57	89.39	95.28	51.60	652.50	4 938.22	79.20
TOTAL ONTARIO 1986 (millions of fbm)	1 538.25	248.65	23.22	6.13	1 816.24	27.13	32.07	117.21	37.89	40.38	21.87	276.53	2 092.77	33.57

NOTE: Entries may not add due to rounding.

REPORTED PRODUCTION OF ONTARIO SAWMILLS, 1982-86
(thousands of cubic metres)

	Spruce Balsam & Jack Pine	Red & White Pine	Hemlock	Other Softwoods	Total Softwoods	Birch	Oak	Maple	Poplar	Other Hardwoods	Mixed Hardwoods	Total Hardwoods	Total Lumber — All Species	Ties Timbers etc.
TOTAL ONTARIO 1986	3 629.74	586.74	54.79	14.45	4 285.72	64.00	75.66	276.57	89.39	95.28	51.60	652.50	4 938.22	79.20
TOTAL ONTARIO 1985	3 625.51	540.99	48.45	14.05	4 228.99	76.66	51.33	258.41	98.61	87.26	79.51	651.78	4 880.77	83.98
TOTAL ONTARIO 1984	3 335.83	566.07	48.17	22.15	3 972.22	71.23	51.79	246.13	79.96	88.14	48.92	586.17	4 558.39	73.15
TOTAL ONTARIO 1983	2 988.65	522.34	48.97	13.46	3 573.43	52.62	40.22	258.08	76.85	64.65	24.69	517.11	4 090.54	23.11
TOTAL ONTARIO 1982	2 356.49	382.02	44.50	9.91	2 792.91	48.70	34.97	208.37	57.58	93.53	8.33	451.48	3 244.39	57.42
TOTAL ONTARIO 1986 (millions of fbm)	1 538.25	248.65	23.22	6.13	1,816.24	27.13	32.07	117.21	37.89	40.38	21.87	276.53	2 092.77	33.57

NOTE: Entries may not add due to rounding.


REPORTED PRODUCTION OF SAWMILLS IN ONTARIO
1976 - 86
PRODUCTION
Millions of cubic metres
6.0
5.0
4.0
3.0
2.0
1.0
0
Total Production
Softwood
Hardwood
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
YEAR

REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1986

Regions and Districts	Mill Licensee*	Location
NORTHWESTERN REGION		
Dryden	Great Lakes Forest Products Ltd.	Dryden
Fort Frances	Manitou Lumber Co. Ltd.	Emo
Ignace	R.W. Kangas Ltd.	Ignace
Kenora	Boise Cascade Canada Ltd.	Keewatin
	Trilake Timber Co. Ltd.	Kenora
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	Foothills Timber Ltd.	Atikokan
	McKenzie Forest Products Inc.	Sapawe
Geraldton	Kimberly-Clark of Canada Ltd.	Longlac
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	Inwood Forest Products Ltd.	Upsala
	Kakabeka Timber Ltd.	Kakabeka Falls
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	Chapleau Forest Products Ltd.	Chapleau
	A. & L. Lafreniere Lumber Ltd.	Chapleau
	J.E. Martel & Sons Lumber Ltd.	Chapleau
	Pineal Lake Lumber Co. Ltd.	Pineal Lake
Cochrane	Normick Perron Inc.	Cochrane
	Abitibi-Price Inc.	Smooth Rock Falls
Hearst	Custom Sawmill (Hearst) Ltd.	Hearst
	Olav Haavaldsrud Timber Co. Ltd.	Hornepayne
	Lecours Lumber Co. Ltd.	Calstock
	Levesque Plywood Ltd.	Hearst
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
	Bois A. Lachance Lumber Ltd.	Harty
	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Kirkland Lake	Cheminis Lumber Ltd.	Kearns
	Elk Lake Planing Mill Ltd.	Elk Lake
	Normick Perron Inc.	Kenogami Lake
	Wm. Pollock & Sons Ltd.	Englehart
Timmins	E.B. Eddy Forest Products Ltd., McChesney Lumber Division	Timmins
	Waferboard Corp. Ltd., Malette Lumber Division	Timmins

REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1986

Regions and Districts	Mill Licensee*	Location
NORTHEASTERN REGION		
Blind River	Midway Lumber Mills Ltd.	Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Nairn
North Bay	L. Brun Co. Ltd.	Field
	Field Lumber (1956) Ltd.	Field
	Giroux & Vezina Ltd.	Field
	Goulard Lumber (1971) Ltd.	Sturgeon Falls
	Hampel-Gibson Forest Products Ltd.	North Bay
	G.W. Martin Lumber Ltd.	Mattawa
	Odorizzi Lumber Co. Ltd.	Golden Valley
Sault Ste. Marie	Lajambe Forest Products Ltd.	Garden River
	Lajambe Forest Products Ltd.	Heyden
	G.W. Martin Veneer Ltd.	Sault Ste. Marie
	G.W. Martin Veneer Ltd.	Searchmont
Sudbury	H. & R. Chartrand Lumber Ltd.	Noelville
	Falconbridge Nickel Mines Ltd.	Falconbridge
	Cecil Fielding 510484 Ontario Inc.	Lively
	R. Fryer Forest Products Ltd.	Monetville
	Lahaie Lumber Ltd.	Alban
	G.W. Martin Forest Products Ltd.	Alban
	Isidore Roy Ltd.	Hagar
Temagami	Wm. Milne & Sons Ltd.	Temagami
Wawa	Domtar Inc.	White River
	Dubreuil Brothers Ltd.	Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mills Ltd.	Whitney
	Murray Brothers Lumber Co. Ltd.	Madawaska
Bancroft	Freymond Lumber Ltd.	Bancroft
	Jan Lumber Co. Ltd.	L'Amable
	L'Amable Lumber Ltd.	L'Amable
	G.W. Martin Lumber Ltd.	Harcourt
Bracebridge	Lajambe Forest Products Ltd.	Sundridge
	G.W. Martin Lumber Ltd.	Huntsville
Minden	M.W. Hunter Lumber Ltd.	Gooderham
Parry Sound	Jamot Lumber Co. Ltd.	Pakesley
	Roy's Lumber & Mining Timber Ltd.	Britt
Pembroke	Consolidated-Bathurst Inc.	Braeside
	Dament & Charles Lumber Mfg. Ltd.	Pembroke
	Dament & Neuman Lumber Co. Ltd.	Pembroke
	Gulick Forest Products Ltd.	Palmer Rapids
	Lavern Heideman & Sons Ltd.	Eganville
	Hogan Lake Timber Ltd.	Pembroke
	Ben Hokum & Sons Ltd.	Killaloe
	G.W. Martin Lumber Ltd.	Eganville
	Thomas J. Neuman Ltd.	Palmer Rapids
	George Stein Ltd.	Palmer Rapids
	Ivan Vallieres	Richard Twp.

REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1986

Regions and Districts	Mill Licensee*	Location
EASTERN REGION		
Carleton Place	Byway Lumber Ltd.	Perth
	O.E. Rothwell Lumber Co. Ltd.	Lanark
Cornwall	Albert Larocque Lumber Ltd.	Hawkesbury
	Ken McLennan Saw Mill Ltd.	Dalkeith
Napanee	Chisholm's (Roslin) Ltd.	Roslin
	Vagn Jensen	Campbellford
CENTRAL REGION		
Cambridge	Cherry Forest Products Ltd.	Guelph
	Edgewood Lumber Ltd.	Hawkesville
	W.G. Hallman Lumber Ltd.	Petersburg
	Parkinson's Saw Mill Ltd.	Guelph
Huronia	J.W. Robinson Ltd.	Shelburne
Lindsay	Neilson Lumber Ltd.	Westwood
Maple	Brouwer Wood Products	Keswick
	M.G. Slater Lumber	Gormley
Niagara	G.H. Marshall & Son Lumber Ltd.	Cayuga
SOUTHWESTERN REGION		
Aylmer	Shelley's Sawmill Inc.	Wallacetown
	Wm. J. Sills Lumber Co. Ltd.	Strathroy
Chatham	All-Weather Wood Products Ltd.	Watford
	George Coultis & Son Ltd.	Thedford
Owen Sound	W.G. Hallman Lumber Ltd.	Walter's Falls
	W.G. Hallman Lumber Ltd.	Owen Sound
	Klemmer Lumber Ltd.	Elmwood
	PM Lumber Ltd.	Hanover
	RKM Wood Products Ltd.	Tiverton
Simcoe	Abbott & Townsend Lumber Inc.	Tillsonburg
	Henry Engenski Lumber Ltd.	Scotland
	Porter Lumber Ltd.	Port Dover
Wingham	R.J. Dungey & Sons Ltd.	Mitchell
	B.E. Grein Lumber Ltd.	Clifford
	J.H. Keeso & Sons Ltd.	Listowel

* Mills producing 2 400 cubic metres and more of lumber.

ONTARIO SAWMILLS RANKED IN ORDER OF 1986 LUMBER PRODUCTION

Rank*	Mill Licensee	Location	Region
1. (2)	Northern Wood Preservers Inc.	Thunder Bay	North Central
2. (5)	Great West Timber Ltd.	Thunder Bay	North Central
3. (1)	E.B. Eddy Forest Products Ltd.	Nairn Centre	Northeastern
4. (4)	McKenzie Forest Products Inc.	Hudson	Northwestern
5. (6)	Dubreuil Brothers Ltd.	Dubreuilville	Northestern
6. (8)	Normick Perron Inc.	Cochrane	Northern
7. (7)	Custom Sawmill (Hearst) Ltd.	Hearst	Northern
8. (3)	Great Lakes Forest Products Ltd.	Thunder Bay	North Central
9. (12)	Waferboard Corp. Ltd.	Timmins	Northern
10. (10)	Great Lakes Forest Products Ltd.	Dryden	Northwestern
11. (15)	Elk Lake Planing Mill Ltd.	Elk Lake	Northern
12. (13)	McKenzie Forest Products Inc.	Sapawe	North Central
13. (11)	United Sawmill Ltd.	Hearst	Northern
14. (27)	Lecours Lumber Co. Ltd.	Calstock	Northern
15. (16)	Normick Perron Inc.	Kenogami Lake	Northern
16. (14)	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing	Northern
17. (9)	Domtar Inc.	White River	Northeastern
18. (18)	Consolidated-Bathurst Inc.	Braeside	Algonquin
19. (17)	Murray Brothers Lumber Co.	Madawaska	Algonquin
20. (19)	Kimberly-Clark of Canada Ltd.	Longlac	North Central
21. (21)	E.B. Eddy Forest Products Ltd.	Timmins	Northern
22. (22)	A. & L. Lafreniere Lumber Ltd.	Chapleau	Northern
23. (20)	Kimberly-Clark of Canada Ltd.	Terrace Bay	North Central
24. (23)	Chapleau Forest Products Ltd.	Chapleau	Northern
25. (25)	G.W. Martin Veneer Ltd.	Sault Ste. Marie	Northeastern
26. (26)	J.E. Martel & Sons Lumber Ltd.	Chapleau	Northern
27. (36)	G.W. Martin Lumber Ltd.	Harcourt	Algonquin
28. (28)	G.W. Martin Forest Products Ltd.	Alban	Northeastern
29. (24)	Abitibi-Price Inc.	Smooth Rock Falls	Northern
30. (29)	G.W. Martin Lumber Ltd.	Mattawa	Northeastern
31. (30)	McRae Mills Ltd.	Whitney	Algonquin
32. (31)	William Milne & Sons Ltd.	Temagami	Northeastern
33. (35)	Midway Lumber Mills Ltd.	Thessalon	Northeastern
34. (32)	Isabelle Brothers Ltd.	Opasatika	Northern
35. (34)	G.W. Martin Lumber Ltd.	Huntsville	Algonquin
36. (38)	G.W. Martin Veneer Ltd.	Searchmont	Northeastern
37. (37)	Ben Hokum & Sons Ltd.	Killaloe	Algonquin
38. (33)	G.W. Martin Lumber Ltd.	Eganville	Algonquin
39. (40)	Boise Cascade Canada Ltd.	Keewatin	Northwestern
40. (39)	L'Amable Lumber Ltd.	L'Amable	Algonquin

*Note: Number within parentheses denotes 1985 ranking.

ONTARIO PANELBOARD PRODUCTION, 1981 - 1986

(cubic metres)

Product	1981	1982	1983	1984	1985	1986	M ft^2 5/8" basis 1986
Veneer	137 661	117 319	139 967	147 135	116 272	117 544	79 693
Plywood	124 511	89 267	99 814	105 425	97 897	120 961	82 012
Particleboard	320 811	235 348	256 207	235 453	310 152	337 254	228 658
Waferboard	339 591	258 644	460 195	557 377	542 579	532 000	360 696
Total*	784 913	583 259	826 216	898 255	950 628	990 215	671 366

* Total panelboard production figures do not include veneer.

ONTARIO PANELBOARD PRODUCERS, 1986

Producers	Location	District
Veneer		
Birchland Veneer Ltd.	Thessalon	Blind River
Blind River Veneer Ltd.	Blind River	Blind River
Canada Veneers Ltd.	Pembroke	Pembroke
Interforest Ltd.	Durham	Owen Sound
G.W. Martin Veneer Ltd.	Rutherglen	North Bay
G.W. Martin Veneer Ltd.	Tweed	Tweed
G.W. Martin Veneer Ltd.	Sault Ste. Marie	Sault Ste. Marie
G.W. Martin Veneer Ltd.	Searchmont	Sault Ste. Marie
Oakville Wood Specialties Ltd.	Oakville	Cambridge
Pannill Veneer Co. Ltd.	Kitchener	Cambridge
Superior Hardwood Veneers, Ltd.	Sault Ste. Marie	Sault Ste. Marie
Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce	Minden
Wilkinson Sword Inc., Cdn. Splint Div.	Pembroke	Pembroke
Plywood		
Levesque Plywood Ltd.	Hearst	Hearst
MacMillan Bloedel Ltd.	Nipigon	Nipigon
Normick Perron Inc.	Cochrane	Cochrane
Weldwood of Canada Ltd.	Longlac	Geraldton
Particleboard - Interior Grade		
Domtar Inc.	Huntsville	Bracebridge
Levesque Plywood Ltd.	Hearst	Hearst
Pluswood Manufacturing Ltd.	Atikokan	Atikokan
Rexwood Products Ltd.	New Liskeard	Temagami
Waferboard Corporation Ltd.	Timmins	Timmins
Waferboard - Exterior Grade		
Grant Waferboard Ltd.	Englehart	Kirkland Lake
Great Lakes Forest Products Ltd.	Thunder Bay	Thunder Bay
MacMillan Bloedel Ltd.	Thunder Bay	Thunder Bay
Waferboard Corporation Ltd.	Timmins	Timmins
Weldwood of Canada Ltd.	Longlac	Geraldton

PRODUCTION OF ONTARIO PULP AND PAPER MILLS, 1982-86

(metric tonnes)

	Wood Pulp*					Paper**		
Year	Groundwood	Sulphite	Sulphate	Other Pulps	Total Pulp	Newsprint	Other Paper/ Paperboard	Total Paper/ Paperboard
1986	1 240 432	325 185	2 153 618	442 596	4 161 831	1 820 220	1 306 127	3 126 347
1985	1 193 053	318 143	2 044 576	424 109	3 979 881	1 744 531	1 181 543	2 926 074
1984	1 288 621	345 498	2 060 747	416 530	4 111 396	1 824 790	1 122 528	2 947 318
1983	1 186 714	331 791	1 858 120	395 954	3 772 579	1 651 547	1 039 853	2 691 400
1982	1 150 642	379 413	1 561 462	231 057	3 322 574	1 511 563	952 522	2 464 085
1986 tons	1 367 337	358 454	2 373 954	487 878	4 587 623	2 006 444	1 439 754	3 446 198

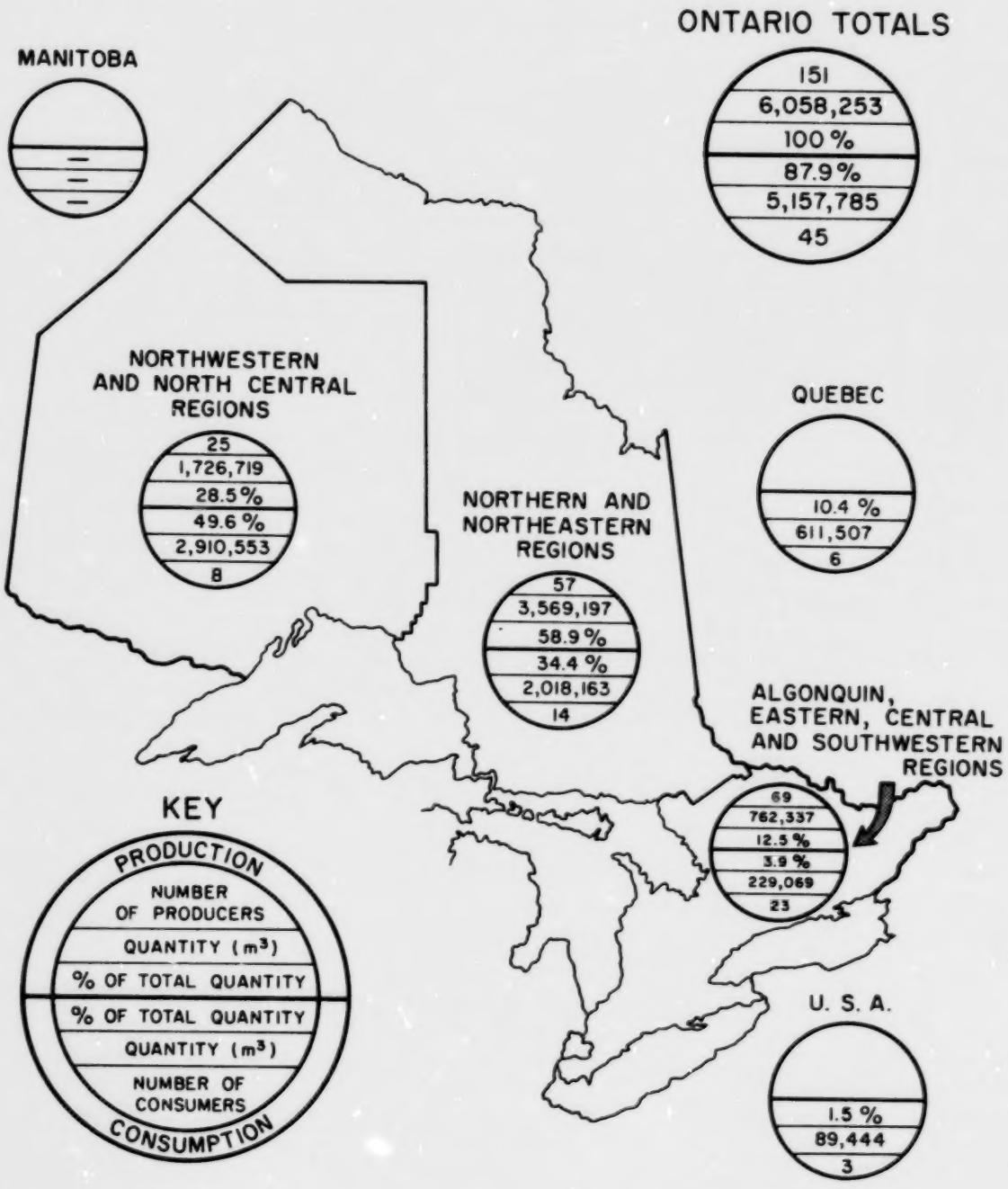
* Wood pulp production includes product of both integrated pulp and paper mills and non-integrated pulp mills.
** Paper production does not include products of non-integrated paper mills.

REPORT ON THE 1986

BARK AND WOOD RESIDUES PRODUCTION AND CONSUMPTION

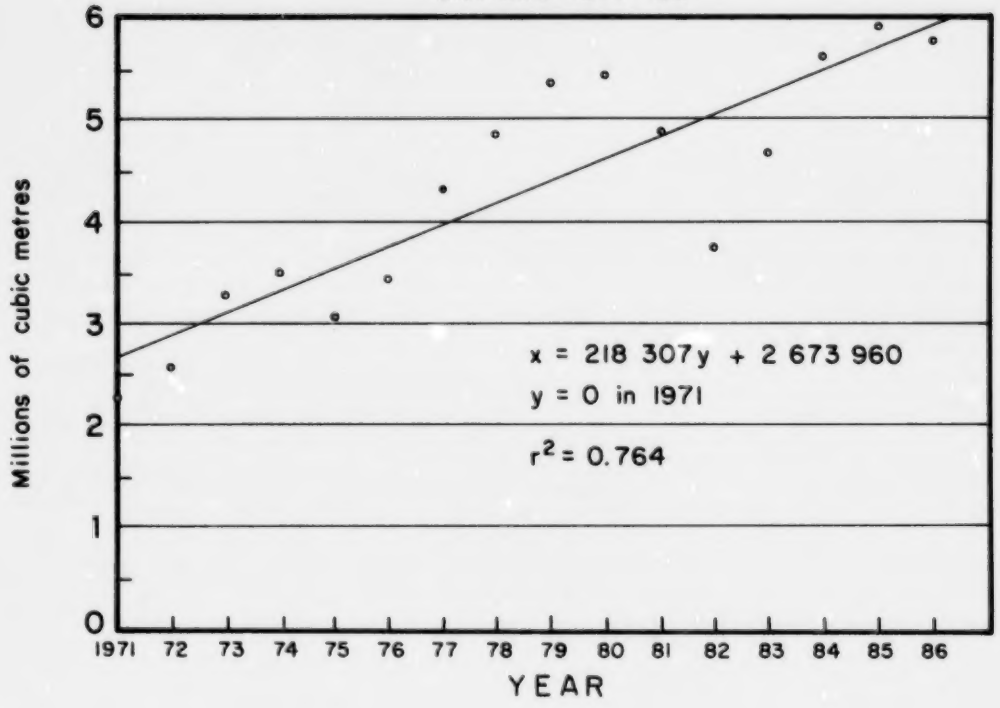
REGIONAL PRODUCTION / CONSUMPTION STATISTICS
ONTARIO - PRODUCED PULPCHIPS

1986



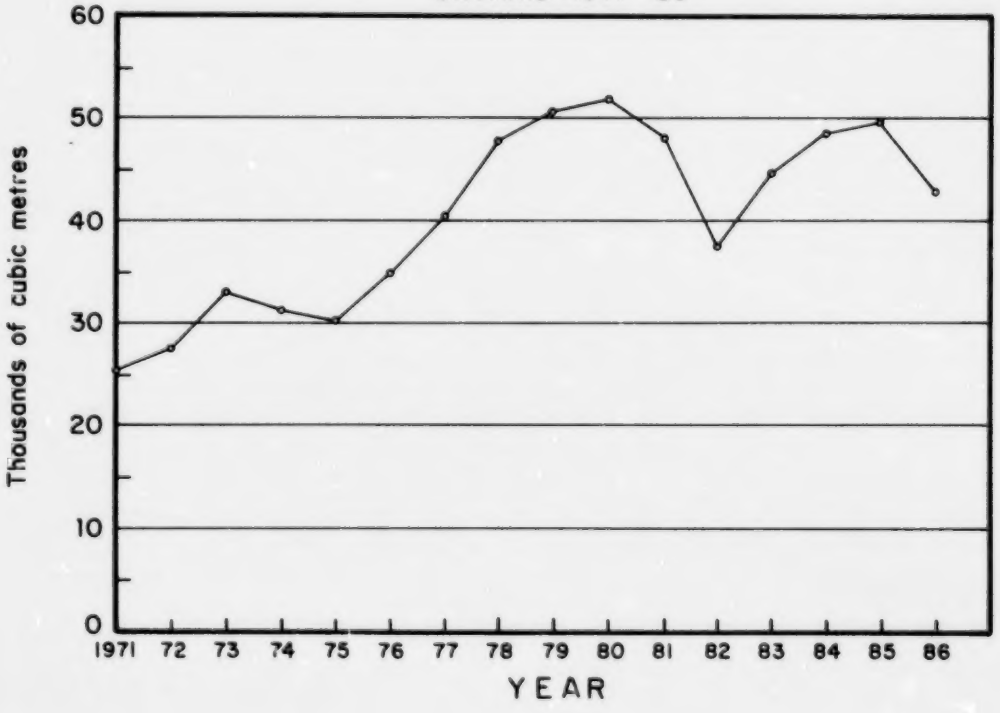
TOTAL PULPCHIP SHIPMENTS

ONTARIO 1971 - 86



MEAN SHIPMENT BY CHIP-PRODUCING MILLS

ONTARIO 1971 - 86



SELECTED PULPCHIP STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS AND VENEER MILLS, 1979-86
(All volumes in cubic metres)

Calendar Year	1979	1980	1981	1982	1983	1984	1985	1986	1986 metric tonnes
Quantity of Pulpchips Produced	5 420 814	5 612 107	5 051 645	3 948 243	4 845 196	5 747 500	6 064 412	6 058 253	2 283 979
No. of Mills Shipping Pulpchips	106	109	111	109	110	116	119	135	135
Quantity of Pulpchips Shipped	5 382 339	5 459 384	4 907 706	3 755278	4 697 022	5 636 282	5 927 677	5 789 783	2 182 765
Increase in Quantity Shipped Over Previous Year	493 851	77 045	(551 678)	(1 152 428)	941 744	939 260	291 155	(137 894)	(59 526)
Percentage Change in Shipping Over Previous Year	10.1	1.4	(10.1)	(23.5)	25.1	20.0	5.2	(2.3)	(2.3)
Average Shipment Per Mill	50 776	51 994	48 114	37 552	44 733	48 588	49 810	42 887	16 169
No. of Pulp Mills Purchasing Chips	26	28	27	26	23	22	24	26	26
No. of Other Mills Purchasing Chips	1	2	2	3	6	5	6	9	9

N/A Figure not available
( ) Denotes negative value

SELECTED SHAVINGS STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS, 1979-86
(All volumes in cubic metres)

Calender Year	1979	1980	1981	1982	1983	1984	1985	1986	1986 metric tonnes
Quantity of Shavings Produced	N/A	765 131	899 655	784 490	944 142	987 194	672 776	677 429	255 392
No. of Mills Shipping Shavings	31	51	78	69	69	52	54	53	53
Quantity of Shavings Shipped	469 842	593 015	587 971	378 360	370 793	515 445	451 648	434 301	163 732
Changes in Quantity Shipped Over Previous Year	173 609	165 321	(5 044)	(209 611)	(7 567)	142 652	(61 291)	(17 347)	(6 540)
Percentage Change in Shipping Over Previous Year	58.6	38.7	(0.9)	(35.6)	(2.0)	39.0	(11.9)	(3.8)	(3.8)
Average Shipment Per Mill	15 156	11 404	11 759	6 637	7 415	9 912	8 410	8 194	3 089
No. of Mills Purchasing Shavings	18	17	20	18	15	20	16	17	17
Volume of Industrial Consumption	408 140	287 849	253 427	214 772	259 917	303 835	263 027	319 553	120 472
Volume of Agricultural or Landscaping Use	34 359	47 559	29 538	60 366	55 087	31 836	47 767	18 369	6 925
Unutilized	37 341	97 537	216 924	111 736	237 418	410 577	118 850	153 215	57 762
Internal Fuel Consumption	27 343	330 039	383 994	397 354	388 165	240 785	241 438	181 904	68 578

N/A Figures not available.
( ) Denotes negative value.

SELECTED HOG FUEL STATISTICS:
SHIPMENTS BY ONTARIO MILLS, 1982-1986
(All volumes in cubic metres)

Calender Year	1979	1980	1981	1982	1983	1984	1985	1986	1986 metric tonnes
Quantity of Hog Produced				253 450	1 125 217	1 956 320	1 463 852	1 303 743	491 512
No. of Mills Shipping Hog Fuel				6	8	29	28	25	25
Quantity of Hog Fuel Shipped				129 250	434 274	866 009	816 976	581 578	219 255
Changes in Quantity Shipped Over Previous Year					305 024	431 735	(49 033)	(235 398)	(88 745)
Percentage Change in Shipping Over Previous Year					235.9	99.4	(5.7)	(28.8)	(28.8)
Average Shipment Per Mill				21 541	54 284	29 862	29 177	23 263	8 770
No. of Mills Purchasing Hog Fuel					10	10	14	13	13
Volume of Industrial Consumption				44 970	434 274	127 672	253 160	105 214	39 666
Volume of Agricultural or Landscaping Use				-	-	5 874	72	-	-
Unutilized				1 184	68 043	429 616	85 096	64 929	24 478
Internal Fuel Consumption				207 296	622 900	1 393 158	1 116 427	1 133 600	427 368

N/A Figures not available.
( ) Denotes negative value.
Figures not available prior to 1982.

SELECTED SAWDUST STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS, 1979-86
(All volumes in cubic metres)

Calender Year	1979	1980	1981	1982	1983	1984	1985	1986	1986 metric tonnes
Quantity of Sawdust Produced	1 263 506	1 545 770	1 591 773	1 126 173	1 302 491	1 401 664	1 359 824	1 575 450	593 949
No. of Mills Shipping Sawdust	48	73	88	87	90	91	74	96	96
Quantity of Sawdust Shipped	320 718	582 285	562 105	343 968	534 333	681 633	574 901	821 077	309 547
Changes in Quantity Shipped Over Previous Year	35 369	261 567	(20 180)	(218 137)	190 365	147 300	(106 732)	246 176	92 809
Percentage Change in Shipping Over Previous Year	12.4	81.6	(3.5)	(38.8)	55.3	27.6	(15.7)	42.8	42.8
Average Shipment Per Mill	6 681	7 976	6 387	3 953	5 937	7 490	7 768	8 552	3 224
No. of Mills Purchasing Sawdust	16	21	17	14	19	21	17	24	24
Volume of Industrial Consumption	61 236	85 823	148 479	132 643	179 884	201 592	243 066	337 742	127 329
Volume of Agricultural or Landscaping Use	76 163	101 843	100 152	83 366	104 522	202 324	114 694	136 006	51 274
Unutilized	810 451	701 588	682 916	284 221	429 990	554 401	419 769	461 562	174 009
Internal Fuel Consumption	221 542	647 924	659 685	581 955	586 410	441 535	579 613	639 692	241 164

N/A Figures not available.
( ) Denotes negative value.

SELECTED BARK STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS, 1980-86
(All volumes in cubic metres)

Calender Year	1979	1980	1981	1982	1983	1984	1985	1986	1986 metric tonnes
Quantity of Bark Produced	N/A	3 314 313	3 285 301	2 278 763	2 522 264	2 860 393	2 921 744	2 745 864	1 035 193
No. of Mills Shipping Bark	N/A	29	28	33	40	36	50	70	70
Quantity of Bark Shipped	N/A	373 185	468 858	269 500	539 427	317 520	1 066 729	993 635	374 601
Changes in Quantity Shipped Over Previous Year	N/A	N/A	95 673	(199 358)	269 927	(221 907)	749 209	(73 094)	(27 556)
Percentage Change in Shipping Over Previous Year	N/A	N/A	25.6	(42.5)	100.2	(41.1)	236	(6.9)	(6.9)
Average Shipment Per Mill	N/A	12 868	16 744	8 166	13 485	8 820	21 334	14 194	5 351
No. of Mills Purchasing Bark	N/A	14	11	11	18	17	23	30	30
Volume of Industrial Consumption	N/A	24 166	98 632	164 408	287 291	190 937	53 139	219 840	82 880
Volume of Agricultural or Landscaping Use	N/A	20 857	38 181	12 823	33 773	24 290	181 368	32 278	12 169
Unutilized	N/A	1 292 492	1 381 370	775 021	1 084 063	1 442 220	988 662	908 703	342 582
Internal Fuel Consumption	N/A	1 938 592	1 669 296	1 178 720	1 064 858	1 199 713	1 696 945	1 563 093	589 287

N/A Figures not available.
( ) Denotes negative value.

INTER-REGIONAL SHIPMENTS OF PULP CHIPS, 1986 (cubic metres)

Area of Consumption / MNR Region of Production	Percentage of Total Production	Total Production	Northwestern	North Central	Northern	Northeastern	Algonquin, Eastern, Central, and Southwestern	Province of Quebec	United States of America	Internal Energy	Other Use	Agriculture	To Inventory	Waste
Northwestern	9.0	547 986	397 830	146 418	-	-	-	-	-	-	-	-	-	3 738
North Central	19.4	1 178 733	204 827	971 017	-	-	-	-	-	-	-	-	1 807	1 082
Northern	35.1	2 129 678	-	776 583	933 016	197 623	-	130 358	50 258	-	-	-	35 772	6 068
Northeastern	23.7	1 439 519	-	413 878	-	793 191	-	51 229	39 186	60 809	-	338	-	80 888
Algonquin	8.3	508 334	-	-	-	33 186	22 509	411 697	-	-	-	1 543	-	39 399
Eastern	1.1	67 405	-	-	-	-	35 229	18 223	-	-	-	-	-	13 953
Central	1.3	83 293	-	-	-	-	37 867	-	-	152	2 739	34 752	304	7 479
Southeastern	1.7	103 305	-	-	-	-	70 804	-	-	5 253	-	18 221	-	9 027
(cubic metres) TOTAL ONTARIO	99.6	6 058 253												
Inventory (from)		-												
Utilization		6 058 253	602 657	2 307 896	933 016	1 024 000	166 409	611 507	89 444	66 214	2 739	54 854	37 883	161 634
To Inventory and Waste		- 199 517												
Shipments		5 858 736												
Percentage of Shipments			10.3	39.4	15.9	17.5	2.8	10.4	1.5	1.1	0.0	0.9		
(Metric Tonnes) TOTAL ONTARIO		2 283 419												
Inventory (from)		-												
UTILIZATION		2 283 419	227 149	869 871	351 664	385 957	62 721	230 478	33 712	24 956	1 033	20 676	14 280	60 922
To Inventory and Waste		- 75 202												
Shipments		2 308 217												

REGIONAL PRODUCTION AND CONSUMPTION OF SHAVINGS, 1986

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	75 050	5 101	-	481	-	23 393	45 642	433
North Central	114 363	61 435	1 105	2 320	1 077	24 340	24 086	-
Northern	284 968	232 491	4 486	1 919	2 283	10 188	32 535	1 066
Northeastern	134 081	63 775	42 570	3 174	-	7 158	17 344	60
Algonquin	57 842	4 969	-	2 151	1 028	20 446	29 248	-
Eastern	4 025	-	-	3 987	-	-	38	-
Central	4 250	-	-	3 812	-	-	438	-
Southwestern	2 850	-	-	525	-	-	2 325	-
ONTARIO PRODUCTION	677 429							
CONSUMPTION		367 771	48 161	18 369	4 388	85 525	151 656	1 559

REGIONAL PRODUCTION AND CONSUMPTION OF HOGFUEL, 1986

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	69 265	69 265	-	-	-	-	-	-
North Central	395 302	169 003	-	-	-	225 619	680	-
Northern	426 121	168 295	-	-	-	247 274	10 552	-
Northeastern	368 700	136 145	-	-	-	182 834	49 721	-
Algonquin	7 621	-	5 410	-	-	1 200	1 011	-
Eastern	1 552	-	1 552	-	-	-	-	-
Central	-	-	-	-	-	-	-	-
Southwestern	35 182	-	31 908	-	-	309	2 965	-
ONTARIO PRODUCTION	1 303 743							
CONSUMPTION		542 708	38 870	0	0	657 236	64 929	0

REGIONAL PRODUCTION AND CONSUMPTION OF SAWDUST, 1986

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	55 170	11 184	-	3 025	-	-	39 953	1 008
North Central	399 477	296 823	-	604	-	67 541	32 936	1 573
Northern	423 854	161 945	-	4 693	-	112 914	139 513	4 789
Northeastern	310 598	131 547	-	1 912	-	107 374	69 765	-
Algonquin	247 909	58 740	11 254	37 235	-	1 400	139 277	-
Eastern	26 484	3 204	4 302	7 940	-	-	11 038	-
Central	42 263	-	1 835	28 760	448	-	11 220	-
Southwestern	69 695	-	4 234	51 837	-	3 134	10 347	143
ONTARIO PRODUCTION	1 575 450							
CONSUMPTION		663 443	21 628	136 006	448	292 363	454 049	7 513

REGIONAL PRODUCTION AND CONSUMPTION OF BARK, 1986

(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	422 488	125 378	-	-	-	198 777	97 723	610
North Central	588 219	339 433	-	-	18 750	141 951	88 085	-
Northern	847 122	133 069	177 036	560	-	316 286	93 522	126 649
Northeastern	369 989	119 630	3 143	6 318	-	155 034	65 697	20 167
Algonquin	229 298	21 966	-	-	-	8 153	199 179	-
Eastern	110 466	4 806	6 802	2 265	-	-	96 593	-
Central	124 786	-	7 246	15 037	-	-	102 503	-
Southwestern	53 496	-	22 848	8 098	3 200	1 375	17 975	-
ONTARIO PRODUCTION	2 745 864							
CONSUMPTION		744 282	217 075	32 278	21 950	821 576	761 277	147 426

ONTARIO PULPCHIP PRODUCERS, 1986

Regions and Districts	Producers	Location
NORTHWESTERN REGION		
Dryden	Great Lakes Forest Products Ltd.	Dryden
Fort Frances	Manitou Lumber Co. Ltd.	Emo
Ignace	R.W. Kangas Ltd.	Ignace
Kenora	Boise Cascade Canada Ltd.	Keewatin
	Trilake Timber Co. Ltd.	Kenora
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	McKenzie Forest Products Inc.	Sapawe
	Foothills Timber Ltd.	Hematite
Geraldton	Kimberly-Clark of Canada Ltd.	Longlac
	Weldwood of Canada Ltd.	Longlac
Nipigon	MacMillan Bloedel Ltd.	Nipigon
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	Inwood Forest Products Ltd.	Upsala
	Kakabeka Timber Ltd.	Kakabeka Falls
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	Chapleau Forest Products Ltd.	Chapleau
	A. & L. Lafreniere Lumber Ltd.	Chapleau
	J.E. Martel & Sons Lumber Ltd.	Chapleau
	Pineal Lake Lumber Co. Ltd.	Pineal Lake
Cochrane	Abitibi-Price Inc.	Smooth Rock Falls
	Normick Perron Inc.	Cochrane
Hearst	Custom Sawmill (Hearst) Ltd.	Hearst
	Lecours Lumber Co. Ltd.	Calstock
	Levesque Plywood Ltd.	Hearst
	Olav Haavaldsrud Timber Co. Ltd.	Hornepayne
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
	Bois A. Lachance Lumber Ltd.	Harty
	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing

ONTARIO PULPCHIP PRODUCERS, 1986

Regions and Districts	Producers	Location
NORTHERN REGION (Contd.)		
Kirkland Lake	Cheminis Lumber Ltd.	Kearns
	Elk Lake Planing Mill Ltd.	Elk Lake
	Normick Perron Inc.	Kenogami Lake
	Wm. Pollock & Sons Ltd.	Englehart
Timmins	E.B. Eddy Forest Products Ltd.	Timmins
	Waferboard Corp. Ltd.	Timmins
NORTHEASTERN REGION		
Blind River	Blind River Veneer Ltd.	Blind River
	Midway Lumber Mills Ltd.	Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Nairn
North Bay	L. Brun Co. Ltd.	Field
	Field Lumber (1956) Ltd.	Field
	Giroux & Vezina Ltd.	Field
	Goulard Lumber (1971) Ltd.	Sturgeon Falls
	Hampel-Gibson Forest Products Ltd.	North Bay
	G.W. Martin Lumber Ltd.	Mattawa
	G.W. Martin Veneer Ltd.	Rutherglen
	Odorizzi Lumber Co. Ltd.	Golden Valley
Sault Ste. Marie	Lajambe Forest Products Ltd.	Garden River
	Lajambe Forest Products Ltd.	Heyden
	G.W. Martin Veneer Ltd.	Sault Ste. Marie
	G.W. Martin Veneer Ltd.	Searchmont
	Sylvan Valley Lumber Inc.	Echo Bay
Sudbury	H & R Chartrand Lumber Ltd.	Noelville
	Falconbridge Nickel Mines Ltd.	Falconbridge
	Cecil Fielding 510484 Ontario Inc.	Lively
	R. Fryer Forest Products Ltd.	Monetville
	Isidore Roy Ltd.	Hagar
	Lahaie Lumber Ltd.	Alban
	G.W. Martin Forest Products Ltd.	Alban
Temagami	Wm. Milne & Sons Ltd.	Temagami
Wawa	Domtar Inc.	White River
	Dubreuil Brothers Ltd.	Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mills Ltd.	Whitney
	Murray Brothers Lumber Co. Ltd.	Madawaska
Bancroft	Freymond Lumber Ltd.	Bancroft
	Jan Lumber Co. Ltd.	L'Amable
	L'Amable Lumber Ltd.	L'Amable
	G.W. Martin Lumber Ltd.	Harcourt

ONTARIO PULPCHIP PRODUCERS, 1986

Regions and Districts	Producers	Location
ALGONQUIN REGION (Continued)		
Bracebridge	Lajambe Forest Products Ltd.	Sundridge
	G.W. Martin Lumber Ltd.	Huntsville
Minden	M.W. Hunter Lumber Ltd.	Gooderham
Parry Sound	Jamot Lumber Co. Ltd.	Pakesley
	Roy's Lumber & Mining Timber Ltd.	Britt
Pembroke	Zigmund Bloskie	Wilno
	Consolidated-Bathurst Inc.	Braeside
	Dament & Charles Lumber Mfg. Ltd.	Pembroke
	Dament & Neuman Lumber Co. Ltd.	Pembroke
	Gulick Forest Products Ltd.	Palmer Rapids
	Lavern Heideman & Sons Ltd.	Eganville
	Hogan Lake Timber Ltd.	Pembroke
	Ben Hokum & Sons Ltd.	Killaloe
	G.W. Martin Lumber Ltd.	Eganville
	Thomas J. Neuman Ltd.	Palmer Rapids
	A.E. Quade Ltd.	Quadeville
	Len Rumleskie & Sons Lumber Co. Ltd.	Barry's Bay
	George Stein Ltd.	Palmer Rapids
	Ivan Vallieres	Richards Twp.
EASTERN REGION		
Carleton Place	Byway Lumber Ltd.	Perth
	O.E. Rothwell Lumber Co. Ltd.	Lanark
Cornwall	Albert Larocque Lumber Ltd.	Hawkesbury
	Ken McLennan Saw Mill Ltd.	Dalkeith
Napanee	Chisholm's (Roslin) Ltd.	Roslin
	Vagn Jensen	Campbellford
CENTRAL REGION		
Cambridge	Cherry Forest Products Ltd.	Guelph
	Edgewood Lumber Ltd.	Hawkesville
	W.G. Hallman Lumber Ltd.	Petersburg
	Parkinson's Saw Mill Ltd.	Guelph
Huronia	Bass Lake Lumber Ltd.	Orillia
	J.W. Robinson Ltd.	Shelburne
Lindsay	Fenelon Falls Lumber Ltd.	Fenelon Falls
	Neilson Lumber Ltd.	Westwood
Maple	Brouwer Wood Products Ltd.	Keswick
	M.G. Slater Lumber	Gormley
Niagara	G.H. Marshall & Son Lumber Ltd.	Cayuga

ONTARIO PULPCHIP PRODUCERS, 1986

Regions and Districts	Producers	Location
SOUTHWESTERN REGION		
Aylmer	Shelley's Sawmill Inc.	Wallacetown
	Wm. J. Sills Lumber Co. Ltd.	Strathroy
Chatham	All-Weather Wood Products Ltd.	Watford
	George Coultis & Son Ltd.	Thedford
	Thompson Hardwoods of Thedford Ltd.	Thedford
Owen Sound	Bogdon & Gross Furniture Co. Ltd.	Walkerton
	W.G. Hallman Lumber Ltd.	Walter's Falls
	Keenan Industries Ltd.	Owen Sound
	Klemmer Lumber Ltd.	Elmwood
	Gordon McNabb Pallet Mfg.	Hepworth
	PM Lumber Ltd.	Hanover
	RKM Wood Products Ltd.	Tiverton
Simcoe	Abbott & Townsend Lumber Inc.	Tillsonburg
	Henry Engenski Lumber Ltd.	Scotland
	Arnold Hanson & Sons Logging Ltd.	Longton
	Porter Lumber Ltd.	Port Dover

PULP CHIP CONSUMERS, 1986

Consumers	Location
ONTARIO	
Abitibi-Price Inc., Fort William Div.	Thunder Bay
Abitibi-Price Inc.	Iroquois Falls
Abitibi-Price Inc., Thunder Bay Div.	Thunder Bay
All-Weather Wood Products Ltd.	Watford
Blind River Veneer Ltd.	Blind River
Boise Cascade Canada Ltd.	Fort Frances
Domtar Inc.	Cornwall
Domtar Inc.	Red Rock
Domtar Inc.	Trenton
E.B. Eddy Forest Products Ltd.	Espanola
Field Lumber (1956) Ltd.	Field
G.W. Martin Lumber Ltd.	Mattawa
G.W. Martin Veneer Ltd.	Searchmont
George Coultis & Son Ltd.	Thedford
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
I.K.O. Industries Ltd.	Brampton
James River-Marathon Ltd.	Marathon
Kimberly-Clark of Canada Ltd.	Terrace Bay
MacMillan Bloedel Ltd.	Sturgeon Falls
Nordfibre Co.	North Bay
Rexwood Products Ltd.	New Liskeard
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Waferboard Corp. Ltd.	Smooth Rock Falls
QUEBEC	
C.I.P. Inc.	Gatineau
C.I.P. Inc.	Minaki
Consolidated-Bathurst Inc.	Portage-du-Fort
McLaren Industries Ltd.	Thurso
Organeco Inc.	St. Eugene
Tembec Inc.	Temiscaming
MICHIGAN	
Champion International Corp.	Gaylord
Mead Corp.	Escanaba
OTHER STATES	
Consolidated Papers Ltd.	Appleton, Wisc.

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO SHAVINGS PRODUCERS, 1986

Regions and Districts	Producers	Location
NORTHWESTERN REGION		
Fort Frances	Manitou Lumber Co. Ltd.	Emo
Kenora	Boise Cascade Canada Ltd.	Keewatin
	Trilake Timber Co. Ltd.	Kenora
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	McKenzie Forest Products Inc.	Sapawe
Geraldton	Kimberly-Clark of Canada Ltd.	Longlac
	Weldwood of Canada Ltd.	Longlac
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	Inwood Forest Products Ltd.	Upsala
	Kakabeka Timber Ltd.	Kakabeka Falls
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	Chapleau Forest Products Ltd.	Chapleau
	A. & L. Lafreniere Lumber Ltd.	Chapleau
	J.E. Martel & Sons Lumber Ltd.	Chapleau
	Pineal Lake Lumber Co. Ltd.	Pineal Lake
Cochrane	Normick Perron Inc.	Cochrane
Hearst	Custom Sawmill (Hearst) Ltd.	Hearst
	Olav Haavaldsrud Timber Co. Ltd.	Hornepayne
	Lecours Lumber Co. Ltd.	Calstock
	United Sawmill Ltd.	Hearst
Kapuskasing	Isabelle Brothers Ltd.	Opasatika
	Bois A. Lachance Lumber Co. Ltd.	Harty
	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Kirkland Lake	Cheminis Lumber Ltd.	Kearns
	Elk Lake Planing Mill Ltd.	Elk Lake
	Normick Perron Inc.	Kenogami Lake
	Wm. Pollock & Sons Ltd.	Englehart
Timmins	E.B. Eddy Forest Products Ltd.	Timmins
	Waferboard Corp. Ltd., Malette Lumber Division	Timmins

ONTARIO SHAVINGS PRODUCERS, 1986

Regions and Districts	Producers	Location
NORTHEASTERN REGION		
Blind River	Midway Lumber Mills Ltd.	Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Nairn
North Bay	Field Lumber (1956) Ltd.	Field
	Giroux & Vezina Ltd.	Field
	Goulard Lumber (1971) Ltd.	Sturgeon Falls
	Hampel-Gibson Forest Products Ltd.	North Bay
	G.W. Martin Lumber Ltd.	Mattawa
	L. Brun Co. Ltd.	Field
	Odorizzi Lumber Co. Ltd.	Golden Valley
Sault Ste. Marie	G.W. Martin Veneer Ltd.	Sault Ste. Marie
	G.W. Martin Veneer Ltd.	Searchmont
Sudbury	Falconbridge Nickel Mines Ltd.	Falconbridge
	R. Fryer Forest Products Ltd.	Monetville
	G.W. Martin Forest Products Ltd.	Alban
Temagami	Wm. Milne & Sons Ltd.	Temagami
Wawa	Domtar Inc.	White River
	Dubreuil Brothers Ltd.	Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mills Limited	Whitney
	Murray Brothers Lumber Co. Ltd.	Madawaska
Bancroft	G.W. Martin Lumber Ltd.	Harcourt
Parry Sound	Jamot Lumber Co. Ltd.	Pakesley
	Roy's Lumber & Mining Timber Ltd.	Britt
Pembroke	Consolidated-Bathurst Inc.	Braeside
	Dament & Charles Lumber Mfg. Ltd.	Pembroke
	Dament & Neuman Lumber Co. Ltd.	Pembroke
	A.E. Quade Ltd.	Quadeville
EASTERN REGION		
Carleton Place	O.E. Rothwell Lumber Co. Ltd.	Lanark
Napanee	Chisholm's (Roslin) Ltd.	Roslin
CENTRAL REGION		
Cambridge	Oakville Wood Specialties Ltd.	Oakville
	Pannill Veneer Co. Ltd.	Kitchener
Lindsay	Fenelon Falls Lumber Ltd.	Fenelon Falls
Maple	M.G. Slater Lumber	Gormley

ONTARIO SHAVINGS PRODUCERS, 1986

Regions and Districts	Producers	Location
SOUTHWESTERN REGION		
Chatham	George Coultis & Son Ltd.	Thedford
Simcoe	Porter Lumber Ltd.	Port Dover

ONTARIO SHAVINGS CONSUMERS, 1986

Consumers	Location
ONTARIO	
Boise Cascade Canada Ltd.	Kenora
Consolidated-Bathurst Inc.	Braeside
Domtar Inc.	Huntsville
Domtar Inc.	Red Rock
E.B. Eddy Forest Products Ltd.	Espanola
Great Lakes Forest Products Ltd.	Thunder Bay
Kimberly-Clark of Canada Ltd.	Longlac
Kimberly-Clark of Canada Ltd.	Terrace Bay
A. & L. Lafreniere Lumber Ltd.	Chapleau
Levesque Plywood Ltd.	Hearst
J.E. Martel & Sons Lumber Ltd.	Chapleau
G.W. Martin Lumber Ltd.	Mattawa
G.W. Martin Veneer Ltd.	Searchmont
McKenzie Forest Products Inc.	Hudson
Wm. Milne & Sons Ltd.	Temagami
Nordfibre Co.	North Bay
Don Pastell	New Hamburg
Pineal Lake Lumber Co. Ltd.	Pineal Lake
Rexwood Products Ltd.	New Liskeard
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Waferboard Corporation Ltd.	Timmins
Weldwood of Canada Ltd.	Longlac
QUEBEC	
Forex Inc.	Val D'Or
Tembec Inc.	Temiskaming
MINNESOTA	
Kilian Trucks	St. Cloud
OTHER STATES	
Rodman Industries	Marinette, Wisc.

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO HOG FUEL PRODUCERS, 1986

Regions and Districts	Producers	Location
NORTHWESTERN REGION		
Dryden	Great Lakes Forest Products Ltd.	Dryden
NORTH CENTRAL REGION		
Terrace Bay	Kimberly-Clark of Canada Ltd.	Terrace Bay
Thunder Bay	Great Lakes Forest Products Ltd.	Thunder Bay
	Great West Timber Ltd.	Thunder Bay
	MacMillan Bloedel Ltd.	Thunder Bay
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber and Planing Ltd.	Thunder Bay
	Kakabeka Timber Ltd.	Kakabeka Falls
NORTHERN REGION		
Cochrane	Abitibi-Price Inc.	Iroquois Falls
	Normick Perron Inc.	Cochrane
	Waferboard Corp. Ltd.	Smooth Rock Falls
Hearst	Levesque Plywood Ltd.	Hearst
Kapuskasing	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Timmins	Waferboard Corporation Ltd.	Timmins
NORTHEASTERN REGION		
Blind River	Birchland Veneer Ltd.	Thessalon
Espanola	E.B. Eddy Forest Products Ltd.	Espanola
	E.B. Eddy Forest Products Ltd.	Nairn
Sault Ste. Marie	Lajambe Forest Products Ltd.	Garden River
	Lajambe Forest Products Ltd.	Heyden
	G.W. Martin Veneer Ltd.	Sault Ste. Marie
	St. Mary's Paper Inc.	Sault Ste. Marie
	Superior Hardwood Veneers Ltd.	Sault Ste. Marie
ALGONQUIN REGION		
Algonquin Park	Murray Brothers Lumber Co. Ltd.	Madawaska
Minden	Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce

ONTARIO HOG FUEL PRODUCERS, 1986

Regions and Districts	Producers	Location
SOUTHWESTERN REGION		
Wingham	Craig Hardwoods Ltd.	Auburn
	R.J. Dungey and Sons Ltd.	Mitchel
	B.E. Grein Lumber Ltd.	Clifford
	J.H. Keeso and Sons Ltd.	Listowel

ONTARIO HOGFUEL CONSUMERS, 1986

Consumers	Location
ONTARIO	
Abitibi-Price Inc.	Iroquois Falls
Abitibi-Price Inc., Thunder Bay Div.	Thunder Bay
Birchland Veneer Ltd.	Thessalon
E.B. Eddy Forest Products Ltd.	Espanola
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
Kimberly-Clark of Canada Ltd.	Terrace Bay
Levesque Plywood Ltd.	Hearst
MacMillan Bloedel Ltd.	Thunder Bay
G.W. Martin Veneer Ltd.	Sault Ste. Marie
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
St. Marys Paper Inc.	Sault Ste. Marie
Waferboard Corporation Ltd.	Smooth Rock Falls
Waferboard Corporation Ltd.	Timmins
Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce
MICHIGAN	
Champion International Corp.	Gaylord

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO SAWDUST CONSUMERS, 1986

Consumers	Location
ONTARIO	
Abitibi-Price Inc., Thunder Bay Div.	Thunder Bay
Bio Shell Ltd.	Hearst
Blind River Veneer Ltd.	Blind River
Boise Cascade Canada Ltd.	Kenora
Chapleau Forest Products Ltd.	Chapleau
George Coultis & Son Ltd.	Thedford
Domtar Inc.	Huntsville
Domtar Inc.	Red Rock
Dubreuil Brothers Ltd.	Dubreuilville
E.B. Eddy Forest Products Ltd.	Espanola
Elk Lake Planing Mill Ltd.	Elk Lake
Field Lumber (1956) Ltd.	Field
Great Lakes Forest Products Ltd.	Thunder Bay
B.E. Grein Lumber Ltd.	Clifford
Grenville Christian College	Cornwall
Griffiths Laboratories Ltd.	South River
Kimberly-Clark of Canada Ltd.	Longlac
Kimberly-Clark of Canada Ltd.	Terrace Bay
A. & L. Lafreniere Lumber Ltd.	Chapleau
J.E. Martel & Sons Lumber Ltd.	Chapleau
G.W. Martin Lumber Ltd.	Harcourt
G.W. Martin Lumber Ltd.	Huntsville
G.W. Martin Lumber Ltd.	Mattawa
G.W. Martin Veneer Ltd.	Searchmont
Midway Lumber Mills Ltd.	Thessalon
William Milne & Sons Ltd.	Temagami
Nordfibre Co.	North Bay
Northern Wood Preservers Inc.	Thunder Bay
Pluswood Mfg. Ltd.	Atikokan
St. Marys Paper Inc.	Sault Ste. Marie
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Waferboard Corporation Ltd.	Smooth Rock Falls
QUEBEC	
Consolidated-Bathurst Inc.	Portage-du-Fort
Organeco Inc.	St. Eugene
Tembec Inc.	Temiscaming

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO BARK CONSUMERS, 1986

Consumers	Location
ONTARIO	
Abitibi-Price Inc., Fort William Div.	Thunder Bay
Abitibi-Price Inc., Port Arthur Div.	Thunder Bay
Abitibi-Price Inc., Thunder Bay Div.	Thunder Bay
All-Weather Wood Products Ltd.	Watford
Bio Shell Ltd.	Hearst
Birchland Veneer Ltd.	Thessalon
Blind River Veneer Ltd.	Blind River
Boise Cascade Canada Ltd.	Kenora
Chapleau Forest Products Ltd.	Chapleau
Consolidated-Bathurst Inc.	Braeside
George Coultis & Son Ltd.	Thedford
Domtar Inc.	Red Rock
Domtar Inc.	White River
Dubreuil Brothers Ltd.	Dubreuilville
E.B. Eddy Forest Products Ltd.	Espanola
Elk Lake Planing Mill Ltd.	Elk Lake
Field Lumber (1956) Ltd.	Field
Grant Waferboard	Englehart
Great Lakes Forest Products Ltd.	Dryden
Great Lakes Forest Products Ltd.	Thunder Bay
Grenville Christian College	Cornwall
Kimberly-Clark of Canada Ltd.	Terrace Bay
MacMillan Bloedel Ltd.	Thunder Bay
J.E. Martel & Sons Lumber Ltd.	Chapleau
G.W. Martin Lumber Ltd.	Mattawa
G.W. Martin Veneer Ltd.	Searchmont
Midway Lumber Mills Ltd.	Thessalon
Nordfibre Co.	North Bay
Pluswood Mfg. Ltd.	Atikokan
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
St. Marys Paper Inc.	Sault Ste. Marie
Waferboard Corporation Ltd.	Smooth Rock Falls
Waferboard Corporation Ltd.	Timmins
Weldwood of Canada Ltd.	Longlac
Wilkinson Sword Inc., Cdn. Splint Div.	Pembroke
QUEBEC	
Organeco Inc.	St. Eugene
Tembec Inc.	Temiskaming
MINNESOTA	
Boise Cascade Corp.	International Falls

NOTE: Includes operations which internally burn more than 200 cubic metres.

REPORT ON THE 1986

INTERPROVINCIAL AND INTERNATIONAL TRADE

IN WOOD AND WOOD PRODUCTS

ONTARIO INTERPROVINCIAL AND INTERNATIONAL TRADE IN WOOD PRODUCTS, 1986

SUMMARY

(cubic metres, solid wood equivalent)

	Pulpwood		Sawlogs and Veneer Logs etc.		Whole Tree Chips and Residues		
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Total
Total Shipments into Ontario							
	268 873	329 119	212 429	175 412	24 700	72 251	1 082 784
Total Shipments out of Ontario							
Crown Land	772	24 069	204 678	26 678	425 640	264 939	946 776
Patent Land	19 691	2 958	116 541	16 716	113 773	148 720	418 399
TOTALS	20 463	27 027	321 219	43 394	539 413	413 659	1 365 175

ONTARIO INTERPROVINCIAL AND INTERNATIONAL TRADE IN WOOD PRODUCTS, 1986

BY ORIGIN AND DESTINATION

(cubic metres, solid wood equivalent)

	Pulpwood		Sawlogs and Veneer Logs etc.		Whole Tree Chips and Residues		
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Total
Origin	Shipments into Ontario						
Manitoba	140 254	1 521	7 912	-	-	-	149 687
Quebec	-	127 525	139 968	20 232	-	50 610	338 335
Other Provinces	-	-	-	1 969	-	-	1 969
U.S.A.	128 619	200 073	64 549	153 160	24 700	21 641	592 742
Other Countries	-	-	-	51	-	-	51
TOTALS	268 873	329 119	212 429	175 412	24 700	72 251	1 082 784

Destination	Shipments out of Ontario - from Crown Land						
Manitoba	-	-	6 103	-	-	-	6 103
Quebec	507	24 069	198 575	26 678	286 637	257 099	793 565
U.S.A.	265	-	-	-	139 003	7 840	147 108
TOTALS	772	24 069	204 678	26 678	425 640	264 939	946 776
Destination	Shipments out of Ontario - from Patent Land						
Quebec	5 477	1 812	116 541	8 228	66 689	138 087	336 834
U.S.A.	14 214	611	-	6 371	47 084	10 633	78 913
Other Countries	-	535	-	2 117	-	-	2 652
TOTALS	19 691	2 958	116 541	16 716	113 773	148 720	418 399

SHIPMENTS INTO ONTARIO, 1986

(cubic metres, solid wood equivalent)

	Roundwood		Whole Tree Chips & Residues	
Region	Conifer	Hardwood	Conifer	Hardwood
Origin - Manitoba				
Northwestern	148 166	1 521	-	-
TOTALS	148 166	1 521	-	-
Origin - Quebec				
Northern	-	280	-	-
Northeastern	-	221	-	14 893
Algonquin	138 867	17 693	-	-
Eastern	1 101	129 563	-	35 717
TOTALS	139 968	147 757	-	50 610
Origin - U.S.A.				
Northwestern	57 693	-	-	-
North Central	70 518	12 491	24 700	11 156
Northeastern	33 725	44 070	-	-
Algonquin	219	2 779	-	-
Eastern	16 194	246 372	-	10 485
Central	14 819	22 008	-	-
Southwestern	-	25 513	-	-
TOTALS	193 168	353 233	24 700	21 641
Origin - Other Countries				
Southwestern	-	51	-	-
TOTALS	-	51	-	-
Origin - Other Provinces				
Southwestern	-	1 969	-	-
TOTALS	-	1 969	-	-

SHIPMENTS OUT OF ONTARIO FROM CROWN LANDS, 1986

(cubic metres, solid wood equivalent)

Region	Roundwood		Whole Tree Chips & Residues	
	Conifer	Hardwood	Conifer	Hardwood
Destination - Manitoba				
North Central	6 103	-	-	-
TOTAL	6 103	-	-	-
Destination - Quebec				
Northern	191 900	34 122	110 139	63 966
Northeastern	6 660	7 573	26 173	50 849
Algonquin	55	29	149 321	142 284
Eastern	467	9 023	1 004	-
TOTALS	199 082	50 747	286 637	257 099
Destination - U.S.A.				
Northwestern	-	-	32 686	5 917
North Central	-	-	3 335	81
Northern	-	-	50 258	-
Northeastern	-	-	52 724	1 842
Eastern	265	-	-	-
TOTALS	265	-	139 003	7 840

SHIPMENTS OUT OF ONTARIO FROM PATENT LAND, 1986

(cubic metres, solid wood equivalent)

Region	Roundwood		Whole Tree Chips & Residues	
	Conifer	Hardwood	Conifer	Hardwood
Destination - Quebec				
Northern	8 234	8 442	112	29 055
Northeastern	1 627	-	-	-
Algonquin	60 680	1 598	56 624	93 756
Eastern	51 477	-	9 953	15 276
TOTALS	122 018	10 040	66 689	138 087
Destination - U.S.A.				
Northwestern	-	-	38 989	7 058
Northeastern	14 214	2 075	8 095	3 575
Central	-	4 907	-	-
TOTALS	14 214	6 982	47 084	10 633
Destination - Other Countries				
Central	-	2 652	-	-
TOTAL	-	2 652	-	-

HISTORICAL SUMMARY, 1981-1986

(thousands of cubic metres)

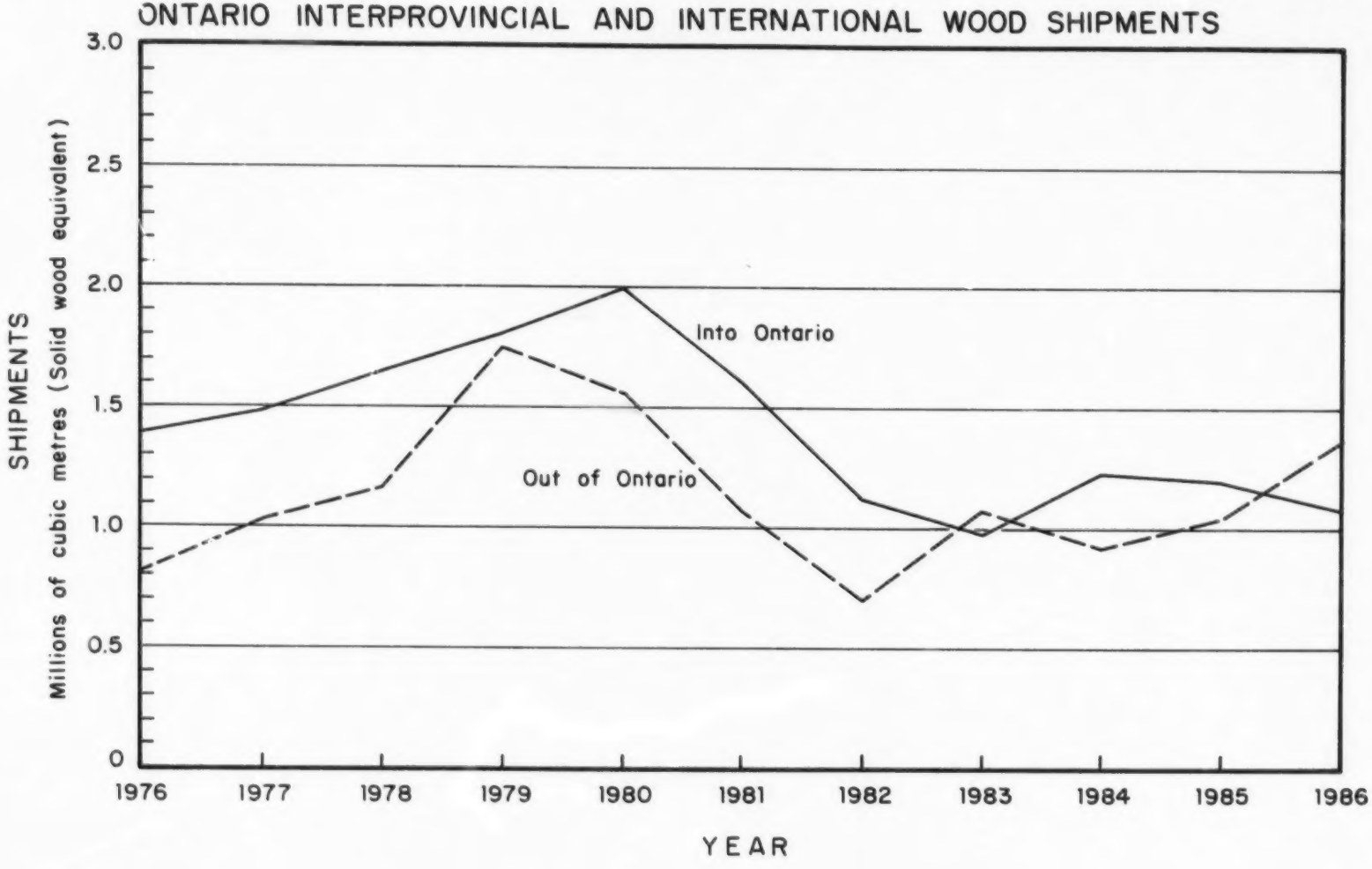
SHIPMENTS INTO ONTARIO

ORIGIN	1981	1982	1983	1984	1985	1986	Millions of cubic feet, 1986
Manitoba	169.65	179.24	199.99	145.38	131.49	149.69	5.29
Quebec	702.23	474.00	184.65	296.62	347.55	338.34	11.94
Other Can. Provs.	1.21	1.18	0.17	-	1.84	1.97	0.07
U.S.A.	736.29	464.82	597.74	790.80	719.94	592.74	20.92
Other Countries	0.06	0.06	0.04	0.05	0.07	0.05	-
TOTAL	1 609.44	1 119.30	982.59	1 232.85	1 200.89	1 082.78	38.22

SHIPMENTS OUT OF ONTARIO

DESTINATION	1981	1982	1983	1984	1985	1986	Millions of cubic feet, 1986
Manitoba	-	-	-	-	-	6.1	0.22
Quebec	869.55	586.03	715.13	878.97	775.75	1 130.40	39.91
Other Can. Provs.	-	0.59	0.27	-	-	-	-
U.S.A.	208.05	115.95	364.34	45.52	265.09	226.02	7.98
Other Countries	-	-	-	-	-	2.7	0.09
TOTAL	1 077.60	702.57	1 079.74	924.49	1 044.84	1 365.18	48.20

1976 - 86


ONTARIO INTERPROVINCIAL AND INTERNATIONAL WOOD SHIPMENTS
SHIPMENTS
Millions of cubic metres (Solid wood equivalent)
3.0
2.5
2.0
1.5
1.0
0.5
0
Into Ontario
Out of Ontario
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
YEAR

ONTARIO EXPORTS OF FOREST PRODUCTS, 1983-86
(thousands of dollars)

Commodity	1983	1983 Ontario as % of Canada	1984	1984 Ontario as % of Canada	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada
Logs and Bolts	649.6	0.4	914.7	0.4	885.7	0.5	2,167.7	1.1
Round Timber	154.7	1.0	641.3	4.0	903.6	5.8	952.6	7.0
Pulpwood	367.2	3.2	48.9	0.5	12.2	0.1	376.2	3.0
Pulpwood Chips	3,676.4	4.1	891.5	1.0	1,173.1	1.4	2,318.3	3.0
Other Crude Wood Materials	1,386.6	8.6	617.6	3.0	868.9	3.8	858.2	3.6
Lumber and Timbers	624,380.3	15.6	766,218.6	17.8	885,083.5	19.1	895,245.4	17.9
Railway Ties	231.9	12.3	1,443.2	25.7	890.8	16.3	357.7	7.2
Other Sawmill Prod.	2,272.2	0.9	3,422.5	1.2	3,453.1	1.2	2,544.5	0.9
Millwork	20,415.2	16.0	28,520.1	20.5	31,325.9	19.8	46,338.2	21.7
Veneer	57,138.5	33.0	62,234.8	49.9	48,687.7	49.0	58,187.4	49.3
Plywood	12,347.3	8.7	15,259.2	10.3	18,125.6	12.1	18,810.5	15.4
Other Fabricated Wood Materials	84,414.0	57.8	130,053.1	54.4	141,115.6	47.1	118,849.3	42.4
Wood Pulp and Similar Pulp	538,564.0	17.6	640,388.7	16.4	501,302.2	14.7	542,668.3	13.3
Paper for Printing	1,073,353.6	24.3	1,275,574.4	23.9	1,431,158.0	24.1	1,425,759.6	22.7
Fine Paper	59,326.5	67.8	70,447.7	63.6	63,335.9	54.3	45,069.2	43.9
Tissue and Sanitary Paper	23,979.8	71.5	23,195.5	54.9	26,915.0	50.5	24,003.1	43.7
Wrapping Paper	22,829.1	19.6	22,410.1	20.7	25,869.3	20.6	23,778.5	14.0
Paperboard	26,880.9	15.2	37,499.1	16.7	26,321.5	13.1	33,046.7	12.0
Building Paper, Building Board and Machine Board	13,040.5	17.7	50,582.7	39.9	63,557.5	41.7	70,278.0	43.9
Converted Paper	69,616.2	76.6	77,540.3	72.3	85,268.5	72.6	133,628.0	78.1
SUBTOTAL Forest Products	2,635,024.4	20.0	3,207,904.0	20.6	3,356,253.6	21.0	3,445,237.4	19.5
Selected Commodities								
Furniture and Fixtures	280,075.4	72.4	372,895.3	69.9	480,693.2	70.9	567,598.4	69.6
Toys, Games, Sporting and Recreational Equipment	53,854.1	51.5	116,790.4	56.6	92,894.7	47.6	95,352.8	44.5
Printed Matter	190,498.2	50.8	217,364.2	52.2	264,369.8	51.8	322,656.1	51.0
Stationers' and Office Supplies & Artists' Material	13,214.8	68.1	39,360.6	63.2	44,132.9	61.2	52,112.6	60.6
TOTAL ALL EXPORTS	41,646,864.0	45.8	55,200,000.0	49.1	59,382,297.2	49.8	62,593,093.9	51.9

Note: Exports include Domestic and Re-exports

Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Exports by Commodity.

ONTARIO EXPORTS OF FOREST PRODUCTS, 1983-86
(volume)

Commodity		1983	1983 Ontario as % of Canada	1984	1984 Ontario as % of Canada	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada
Logs and Bolts	Mbf	984	0.2	869	0.1	1,273	0.2	3,387	0.6
Round Timber	ft.(1)	17,203	0.6	14,403	0.5	11,024	0.4	10,695	0.5
Pulpwood	cord	5,360	3.1	854	0.5	185	0.1	5,441	2.2
Pulpwood Chips	ton	44,526	2.9	10,742	0.7	17,381	1.4	35,645	3.2
Other Crude Wood Materials		(2)		(2)		(2)		(2)	
Lumber and Timbers	Mbf	2,277,428	15.7	2,759,300	17.4	3,024,657	10.2	2,915,643	18.0
Railway Ties	no.	29,886	9.8	122,822	19.9	217,621	25.2	60,654	8.9
Other Sawmill Products		(2)		(2)		(2)		(2)	
Millwork		(2)		(2)		(2)		(2)	
Veneer	sq.ft.	683,124,441	44.8	637,948,826	47.9	571,621,694	49.0	598,802,799	49.2
Plywood(3)	sq.ft.	30,152,871	6.3	49,801,778	(4) 8.7	58,419,974	(4) 10.3	64,607,183	(4) 15.8
Other Fabricated Wood Materials		(2)		(2)		(2)		(2)	
Wood Pulp and Similar Pulp	cwt	24,058,676	16.0	23,148,582	14.9	20,466,035	13.2	21,952,258	13.1
Paper for Printing	cwt	42,814,169	24.0	45,254,569	23.1	45,652,293	23.2	45,454,549	22.1
Fine Paper	cwt	1,594,127	70.7	1,575,770	65.9	1,476,218	55.4	935,050	42.9
Tissue and Sanitary Paper	cwt	468,728	67.1	446,412	49.0	543,517	46.1	435,131	38.0
Wrapping Paper	cwt	425,386	8.9	375,236	9.5	426,320	9.2	390,049	6.7
Paperboard	cwt	1,467,337	12.9	1,841,703	15.8	1,238,574	11.4	1,516,829	11.3
Building Paper, Building Board and Machine Board	cwt	852,599	19.2	4,506,020	50.5	4,981,705	51.9	5,928,750	56.0
Converted Paper	cwt	361,707	56.4	409,945	64.9	450,070	64.8	819,297	75.5

(1) Does not include fence posts and poles of wood N.E.S., because units are # of posts.
(2) Due to different measurement units within this category, it is non-additive.
(3) In 1983, the category Plywood and Wood Building Board N.E.S. was not included in the Plywood volume figure.
(4) In 1984 through 1986, Plywood volume is sq. ft. 1/4" basis.

Note: Exports include Domestic and Re-exports.
Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Exports by Commodity.

ONTARIO IMPORTS OF FOREST PRODUCTS, 1983-86
(thousands of dollars)

Commodity	1983	1983 Ontario as % of Canada	1984	1984 Ontario as % of Canada	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada
Logs and Bolts	13,078.5	13.8	16,630.8	13.8	14,357.2	10.8	22,271.6	14.7
Round Timber	1,758.1	66.9	4,821.4	36.2	6,319.9	36.9	4,938.6	33.4
Pulpwood	11,882.9	93.1	11,026.7	86.5	9,888.1	59.9	7,269.7	25.8
Pulpwood Chips	555.2	8.5	113.2	1.3	229.4	2.6	233.2	1.0
Other Crude Wood Materials	702.1	13.5	1,111.8	16.2	824.0	11.9	847.4	11.0
Lumber and Timbers	105,482.9	37.5	124,541.1	44.2	122,234.2	43.5	168,190.9	46.7
Railway Ties	3,312.7	45.6	4,797.1	30.9	3,614.8	32.5	2,540.2	39.8
Other Sawmill Prod.	7,556.2	51.9	9,657.9	58.2	8,409.1	48.7	9,952.8	55.2
Millwork	33,960.6	48.1	35,315.5	51.1	40,884.1	53.3	54,365.0	56.3
Veneer	12,569.7	38.2	16,532.3	43.9	13,082.5	35.9	15,163.0	37.7
Plywood	18,449.0	24.3	14,865.4	36.5	14,698.1	34.5	29,105.5	40.6
Other Fabricated Wood Materials	15,185.8	52.5	28,645.1	41.3	31,712.5	41.4	35,270.6	40.5
Wood Pulp and Similar Pulp	57,664.0	66.7	71,695.1	55.5	68,769.4	52.2	62,275.6	45.0
Paper for Printing	63,865.6	48.2	88,269.1	47.4	93,970.8	50.1	120,682.7	53.5
Fine Paper	69,185.0	63.2	107,631.4	65.5	93,952.6	59.1	109,259.4	63.7
Tissue and Sanitary Paper	16,517.6	46.4	17,938.3	47.1	17,636.3	46.0	19,116.4	47.9
Wrapping Paper	16,831.4	49.7	23,086.8	53.9	21,200.0	52.0	19,366.3	51.6
Paperboard	46,017.8	49.6	68,051.9	57.1	78,283.3	58.1	106,981.3	66.9
Building Paper, Building Board and Machine Board	15,556.1	39.4	18,911.0	45.2	21,830.2	43.9	26,857.5	46.4
Converted Paper	91,021.3	63.9	111,819.3	65.9	135,425.6	67.9	157,571.2	67.9
SUBTOTAL Forest Products	601,152.5	46.1	775,461.2	52.4	797,322.1	47.9	972,258.9	49.4
Selected Commodities								
Furniture and Fixtures	150,388.9	53.4	187,501.2	55.5	218,362.7	55.3	260,589.1	52.7
Toys, Games, Sporting and Recreational Equipment	270,744.7	56.4	348,893.5	57.1	309,319.6	57.0	411,143.1	59.0
Printed Matter	863,489.2	71.1	992,587.4	72.1	1,012,056.5	73.1	1,073,743.7	73.0
Stationers' and Office Supplies & Artists' Material	25,204.8	54.5	76,637.0	66.1	82,925.0	65.1	51,766.4	60.5
TOTAL ALL IMPORTS	45,671,130.0	60.3	59,483,000.0	62.1	65,894,823.0	62.8	72,153,897.4	64.0

Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Imports by Commodity.

ONTARIO IMPORTS OF FOREST PRODUCTS, 1983-86
(volume)

Commodity		1983	1983 Ontario as % of Canada	1984	1984 Ontario as % of Canada	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada
Logs and Bolts	Mbf	33,524	6.4	37,869	6.1	40,505	6.2	55,443	8.1
Round Timber	ft.(1)	603,126	73.1	1,344,976	29.2	1,532,894	(3)36.6	1,264,543	(3)39.2
Pulpwood	cord	178,677	94.2	162,304	85.2	148,881	62.8	112,107	35.1
Pulpwood Chips	ton	17,739	16.5	16,701	1.8	5,726	3.3	5,955	1.3
Other Crude Wood Materials		(1)		(1)		(1)		(1)	
Lumber and Timbers	Mbf	177,084	31.2	200,488	39.3	190,370	37.5	230,349	38.3
Railway Ties	no.	212,452	38.1	303,295	27.4	237,668	32.2	135,666	40.0
Other Sawmill Products		(1)		(1)		(1)		(1)	
Millwork		(1)		(1)		(1)		(1)	
Veneer	sq.ft.	118,569,614	33.3	142,574,177	36.9	101,547,917	26.6	122,305,281	23.8
Plywood(2)	sq.ft.	57,984,710	22.5	58,655,519	36.5	60,647,495	35.3	134,284,140	42.2
Other Fabricated Wood Materials		(1)		(1)		(1)		(1)	
Wood Pulp and Similar Pulp	cwt	2,422,524	69.4	2,399,477	54.5	2,572,739	52.1	2,241,661	45.2
Paper for Printing	cwt	1,380,568	46.4	1,741,685	45.1	1,818,661	50.4	2,422,184	53.0
Fine Paper	cwt	769,873	36.5	1,244,694	60.3	1,102,594	53.9	1,286,722	59.1
Tissue and Sanitary Paper	cwt	152,028	53.1	149,552	49.9	142,881	48.6	196,867	57.1
Wrapping Paper	cwt	433,053	41.5	482,651	42.4	420,596	39.9	352,721	38.8
Paperboard	cwt	1,804,470	50.6	2,401,308	56.9	2,615,898	57.0	3,647,462	65.5
Building Paper, Building Board and Machine Board	cwt	404,882	31.0	449,533	37.6	482,820	35.0	604,062	35.3
Converted Paper	cwt	757,774	68.0	923,557	68.4	1,101,975	70.8	1,321,436	67.5

(1) Due to different measurement units within this category, it is non-additive.

(2) Plywood volume is sq.ft. 1/4" basis.

(3) In 1985 and 1986 does not include Bolts and Round Timber N.E.S. in this category, since it is non-additive.

Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Imports by Commodity